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MONTANA ROOM

Fifth Biennial Report

of the

OIL AND GAS CONSERVATION COMMISSION

OF THE STATE OF MONTANA

to

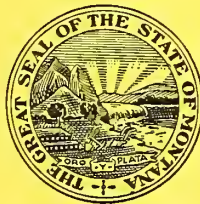
GOVERNOR TIM BABCOCK

AND

**MEMBERS OF THE THIRTY-EIGHTH LEGISLATIVE ASSEMBLY
OF THE STATE OF MONTANA**

For The Period

July 1, 1960 to July 1, 1962



COMMISSIONERS

**G. W. Yoder, Chairman
Ted Hawley, Vice Chairman
E. L. Anderson
Allen Zimmerman
Winston L. Cox**

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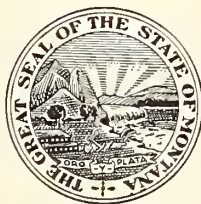
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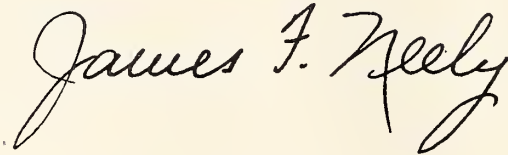
G. W. Yoder, Chairman
Ted Hawley, Vice Chairman
E. L. Anderson
Allen Zimmerman
Winston L. Cox

Helena, Montana
30 November, 1962

Honorable Tim Babcock
Governor of the State of Montana and
Members of the Thirty-eighth Legislative Assembly
of the State of Montana

In compliance with Section 60-127 C. (6) Revised Codes of Montana, 1947, as amended, the Oil and Gas Conservation Commission herewith submits its Biennial Report for the period of 1 July, 1960 to 1 July, 1962.

Respectfully submitted,

A handwritten signature in dark ink, reading "James F. Neely". The signature is written in a cursive style with a large, stylized "J" and "N".

James F. Neely
Executive Secretary
Oil and Gas Conservation Commission
of the State of Montana

INTRODUCTION

The origin of the Oil and Gas Conservation Commission of the State of Montana was with the thirty-third Montana Legislatures passage of "An Act Defining and Prohibiting the Waste of Oil and Gas in the State of Montana; Creating and Establishing the Oil and Gas Conservation Commission; Defining the Powers and Duties of the Commission with Respect to Conservation of Oil and Gas; Providing for the Enforcement of the Act and the Rules, Regulations and Orders of Said Commission; Providing for the Filing and Hearing of Complaints Concerning Waste of Oils and Gas, and for Oaths, Subpoenas, Records, Suits and Appeals; Providing for Financing Activities of the Oil and Gas Conservation Commission; Repealing Sections 60-101 Through 60-123 Both inclusive, and Section 8-208, Revised Codes of Montana, 1947; and Providing for Effective Date." Reference: Sections 60-124 through 60-148, Revised Codes of Montana, 1947, as amended.

The Commission authority and duties as defined are:

(1) To require: (a) identification of ownership of oil or gas wells, producing properties and tanks; (b) the making and filing of acceptable well logs, reports on well locations, and the filing of directional surveys, if made, provided, however, that logs of exploratory or wildcat wells need not be filed for a period of six (6) months following completion of such wells; (c) the drilling, casing, producing and plugging of wells in such a manner as to prevent the escape of oil or gas out of one stratum into another, the intrusion of water into oil or gas stratum, blowouts, cavings, seepages, and fires; and the pollution of fresh water supplies by oil, gas, salt or brackish water; (d) the furnishing of a reasonable bond with good and sufficient surety, conditioned for performance of the duty to properly plug each dry or abandoned well; (e) proper gauging or other measuring of oil and gas produced and saved to determine the quantity and quality, thereof; (f) that every person who produces, transports or stores oil or gas in this state shall make available within this state for a period of five (5) years complete and accurate records of quantities, thereof, which records shall be available for examination by the Commission or its agents at all reasonable times, and that every person file with the Commission such reports as it may prescribe with respect to quantities, transportations and storages of such oil or gas.

(2) For the purpose of preventing waste: (a) to regulate the drilling, producing and plugging of wells, the shooting and chemical treatment of wells, the spacing of wells, operations voluntarily entered into to increase ultimate recovery such as cycling of gas, the maintenance of pressure, and the introduction of gas, water or other substances into producing formations and (b) to fix, upon application made by any interested person after hearing, efficient gas-oil and water-oil ratios for any particular well or wells.

(3) To regulate disposal of salt water and oil field wastes.

(4) To classify wells as oil or gas wells for purposes material to the interpretation or enforcement of this act.

(5) To promulgate and to enforce rules, regulations and orders to effectuate the purposes and the intent of this act.

(6) To prepare and submit to the legislative assembly of the State of Montana, at least thirty (30) days before the convening thereof, a report of the activities of the Commission, including among other things, a summary account of the monies received and expended by the Commission, the petitions which have been filed before it, and such specific recommendations as the Commission shall deem proper as to the legislative enactment which will further the oil development of the State of Montana and properly regulate the oil industry and the Commission.

ACQUISITION OF ADDITIONAL FACILITIES

The 1957 Session of the Montana Legislature by Chapter 32 of the 1957 Session laws transferred jurisdiction, control, supervision and custody of the property and records of the Petroleum Field Station located in the city of Billings, Montana, from the Bureau of Mines and Geology of the State of Montana School of Mines to the State of Montana Oil and Gas Conservation Commission.

Said transfer was accomplished, and the building and facilities affected thereby have been under the jurisdiction of the Commission since July 1, 1957. The building which houses cores and cuttings from a great number of Montana wells was enlarged to permit additional office space during the first half of 1958, after authorization was secured for such enlargement from the State Board of Examiners.

Besides the aforesaid cores and cuttings from Montana wells, records are also available to interested parties and the information obtainable from the Billings' facility of the Commission is deemed to be of great assistance, both to the Commission in its conservation activities and to members of the oil and gas producing industry in the State of Montana.

REGULATORY ACTIVITIES

During the biennium period of 1 July, 1960 to 1 July, 1962, the Commission set a total of one hundred five hearings. Fifteen of the hearings were initiated upon motion of the Commission and ninety were initiated by petitions received from firms or individuals.

All petitions received by the Commission during the biennium covered by this report were acted upon by the Commission. Two petitions as filed were vacated on request of the petitioner. Thus, the Commission held a total of one hundred three hearings during the biennium. As a result of these hearings, the Commission

issued a total of one hundred four numbered orders, plus four special orders. The hearings and orders covered many phases of the oil and gas exploration activities and oil and gas production within the State of Montana, such as the conservation and prevention of waste of oil and gas, establishment of field rules, spacing problems, water injection for both disposal purposes and secondary recovery, natural gas injection for secondary recovery, natural gas storage reservoirs, amendments to existing rules and regulations and production.

On the following pages is a complete listing of:

(a) All dockets instituted setting hearings and all orders adopted by the Commission for the period of 1 July, 1960 to 1 July, 1962.

(b) All wells completed from 1 July, 1960 to 1 July, 1962 by fiscal year together with a summary of such wells as completed.

(c) A statement of barrels of crude oil produced, refined, exported, and stored in Montana during the period 1 July, 1960 to 1 July, 1962.

(d) Natural gas production report for the period of 1 July, 1960 to 1 July, 1962.

(e) Revenue received by the Commission for the period 1 July, 1960 to 1 July, 1962.

(f) Statement of expenditures by the Commission for the period of 1 July, 1960 to 1 July, 1962.

DOCKETS

No.	Date	Filed By	Subject	Order Adopted
13-60	7-11-60	Socony Mobil Oil Co., Inc.	Application for establishment of drilling and spacing units, delineation, and naming as the Dwyer Field an area in SHERIDAN COUNTY.	Application vacated on request of applicant.
14-60	7-25-60	Cardinal Petroleum Co.	Application for exception to spacing rules applicable to the Red Creek Field, GLACIER COUNTY, as established by Commission Order No. 16-58.	14-60
15-60	8- 1-60	Shell Oil Company	Application for permission to inject water for purposes of reservoir pressure maintenance in the Cabin Creek Unit, Cabin Creek Field, FALLON COUNTY. The request constitutes a modification of a pressure maintenance program approved by the Commission in its Order No. 5-59.	15-60
16-60	8- 3-60	Shell Oil Company	Application for permission to dispose of salt water by injection into a well located in the C NW NE of Section 36, Township 8 North, Range 59 East, in the Pennel Field, FALLON COUNTY. Water to be injected is that water produced with oil.	16-60
17-60	8-15-60	Hubbard and Wise	Application requesting establishment of spacing rules for an area described as Sections 32 and 33, Township 6 South, Range 18 East, and portions of Sections 3, 4 and 5 in Township 7 South, Range 18 East, CARBON COUNTY.	17-60
18-60	8-15-60	Continental Oil Co.	Application for an exception to spacing rules in the Ivanhoe Dome Field, ROSEBUD and MUSSELSHELL COUNTIES, as established by Commission Order No. 7-60.	18-60
19-60	8-26-60	Northwest Production Corp.	Application for permission to institute a water flooding program in the Kevin-Sunburst Field, TOOLE COUNTY, for secondary recovery of crude oil.	19-60
20-60	8-30-60	Cabeen Exploration Corp.	Application for an exception to spacing regulations to allow the drilling of a well on 10-acre spacing in the center of the SW SE NE of Section 7, Township 36 North, Range 6 East, LIBERTY COUNTY.	20-60
21-60	9- 1-60	Union Oil Co. of Calif. and The Montana Power Company	Application for approval by the Commission for applicants' proposal to establish and operate a gas injection project in the Reagan Field located in Township 3 North, Range 7 West, GLACIER COUNTY. The object of such injection being for the purpose of increasing the ultimate recovery of oil by preventing the shrinkage of the gas cap.	21-60
22-60	9- 6-60	British-American Oil Producing Co.	Application requesting that the Commission amend its Rule 203 (e) 2 concerning the spacing of wells.	22-60
23-60	9-23-60	Shell Oil Company	Application requesting permission for salt water disposal by injection method. Land affected includes Sections 7, 8 and 17, Township 4 North, Range 62 East, within the Little Beaver East Field, FALLON COUNTY.	23-60
24-60	9-23-60	Champlin Oil and Refining Company	Application for an exception to the spacing requirements as set forth in Commission Order No. 7-60 pertaining to the Ivanhoe Dome Field, MUSSELSHELL COUNTY.	24-60

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
25-60	9-30-60	Phillips Petroleum Co.	Application requesting that certain lands as described be delineated as and named Dwyer Field, such lands being located in SHERIDAN COUNTY; that spacing units be established consisting of 160-acres with one well allowed to each such spacing unit.	25-60
26-60	9-30-60	Commission	To consider delineation, spacing and field rules relative to the Soap Creek Field, BIG HORN COUNTY.	26-60
27-60	9-30-60	British-American Oil Producing Co.	Application requesting an exception to the well spacing pattern applicable to the Keg Coulee Field, MUSSELSHELL COUNTY, as established by Commission Order No. 11-60.	29-60
28-60	9-30-60	E. F. Carnell	Application for an exception to the spacing rules applicable to the Mosby Dome of the Cat Creek Field, PETROLEUM COUNTY, as established by Commission Orders No. 14-54 and 17-55.	27-60
29-60	10- 1-60	W. J. Goldston	Application for an exception to well spacing rules applicable to the Stensvad Field, MUSSELSHELL and ROSEBUD COUNTIES, as established by Commission Order No. 2-59.	28-60
30-60	10-25-60	C. J. Iverson	Application requesting an exception to spacing rules applicable to the Whitlash Field, LIBERTY COUNTY, as established by Commission Order No. 16-54.	30-60
31-60	11-10-60	Shell Oil Company	Application requesting an exception to well spacing rules applicable to the Pennel Field, FALLON COUNTY, as previously established by Commission Order No. 1-56.	31-60
32-60	11-10-60	Sumatra Oil Corp.	Application for an exception to existing spacing rules in the Sumatra Field, ROSEBUD COUNTY.	32-60
33-60	11-10-60	Don McGregor	Application requesting an exception to the spacing rules in the Keg Coulee Field, MUSSELSHELL COUNTY, as established by Commission Order No. 11-60.	33-60
1-61	1-11-61	Montana-Dakota Utilities Co.	Application for an order by the Commission to establish 320-acre well spacing units in the Eagle sand reservoir of the Cedar Creek Anticline, FALLON COUNTY. The proposed 320-acre well spacing units being a proposed change in well spacing from the existing 160-acre well spacing units affecting lands designated as Units No. 4, 5, 6 and 7.	1-61
2-61	1-11-61	Phillips Petroleum Co.	Application requesting an order from the Commission for compulsory pooling of interests in the SW¼ of Section 13, Township 32 North, Range 58 East, Dwyer Field, SHERIDAN COUNTY.	3-61
3-61	1-13-61	Sumatra Oil Corp.	Application for an exception to field spacing rules in the Keg Coulee Field, MUSSELSHELL COUNTY, as heretofore established by the Commission.	2-61
4-61	2-17-61	Humble Oil & Refining Company	Application requesting the delineation and establishment of field rules and spacing for the Tule Creek Field, ROOSEVELT COUNTY. The area requested to be delineated as the Tule Creek Field being described in said application.	4-61

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
5-61	3-16-61	Jack Rouse	Application requesting either an exception to the spacing rules in the Dwyer Field, SHERIDAN COUNTY, or in the alternative, for a compulsory pooling order of all interests in the NW¼ of Section 23, Township 32 North, Range 58 East.	Application vacated on request of applicant.
6-61	3-16-61	TEXACO Inc.	Application for permission to instigate a pilot water flood operation in the Sawtooth formation of the Bowes Field, BLAINE COUNTY, as a secondary recovery measure for production of crude oil.	5-61
7-61	3-16-61	TEXACO Inc.	Application for an order approving disposal of salt water produced with oil in the Sand Creek Field, DAWSON COUNTY, by injection of such water into the Swift sand through a well located in the C NE NE Section 9, Township 15 North, Range 54 East.	6-61
8-61	3-21-61	Murphy Corporation	Application requesting an exception to the field rules relative to spacing in the Tule Creek Field, ROOSEVELT COUNTY, as established by Commission Order No. 4-61.	7-61
9-61	4- 7-61	Placid Oil Company	Application requesting an exception to the field rules relative to spacing in the Tule Creek Field, ROOSEVELT COUNTY.	8-61
10-61	4-14-61	TEXACO Inc.	Application requesting an order approving the disposal of water produced with oil in the Sand Creek Field, DAWSON COUNTY, by injection of such water into the Swift sand through the Texaco-Northern Pacific well No. 1 C SE SE Section 33, Township 16 North, Range 54 East.	9-61
11-61	4-24-61	Pan American Petroleum Corp.	Application requesting exceptions to spacing rules applicable to the Elk Basin Field, CARBON COUNTY, which field has heretofore come under Commission Rule No. 203, Spacing of Wells, State-wide spacing.	10-61
12-61	5-15-61	Continental Oil Co.	Application requesting permission from the Commission to conduct a water flood operation in the Swift sands in the Bannatyne Field, TETON COUNTY, and for approval to drill an off-pattern well to initiate a water flood project.	12-61
13-61	5-15-61	Commission	To consider the method by which water being produced with oil from the East Poplar Field, ROOSEVELT COUNTY, is being disposed of. The purpose being to eliminate the possibility of contaminating fresh water supplies in the area.	21-61
14-61	6- 5-61	Murphy Corporation	Application requesting permission to complete a well in the NW NE of Section 19, Township 30 North, Range 48 East, Tule Creek Field, ROOSEVELT COUNTY, and to instigate a salt water disposal program by injection into the Dakota formation.	13-61
15-61	6- 5-61	Murphy Corporation	Application requesting permission from the Commission to recomplete its unit well No. 59 in the Dakota formation for salt water disposal, which well is located in the SW NW Section 2, Township 28 North, Range 51 East, in the East Poplar Field, ROOSEVELT COUNTY.	14-61
16-61	6- 5-61	Shell Oil Company	Application requesting special field rules establishing 80-acre drilling and spacing units for the Madison pool underlying the Pennel Field, FALLON COUNTY.	15-61

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
17-61	6-12-61	Phillips Petroleum Co.	Application requesting an order by the Commission permitting a pilot water flood operation in the Pondera Field, PONDERA COUNTY, and the use of a well designated as Erickson "A" No. 5 SW NE NE Section 10, Township 27 North, Range 4 West, for the injection well.	16-61
18-61	7- 7-61	Texota Oil Company	Application requesting permission to complete a well described as the Stanley Jensen No. 1 NE NE NE Section 34, Township 23 North, Range 49 East, as a salt water disposal well, with said disposal to be in the Third Cat Creek (Lakota) sandstone at a depth of between 4971' and 5008'. Disposal is that water which is now being produced with oil in the Southwest Richey Field, McCONE COUNTY.	19-61
19-61	7- 7-61	Sumatra Oil Corp.	Application requesting that the Keg Coulee Field, MUSSELSHELL COUNTY, be re-delineated.	24-61
20-61	7-12-61	Don McGregor	Application requesting an exception to the field rules relative to the spacing in Keg Coulee Field, MUSSELSHELL COUNTY, as established by Commission Order No. 11-60.	22-61
21-61	7-18-61	Pan American Petroleum Corp.	Application requesting an order from the Commission approving water flood operations in the Madison reservoir, Elk Basin Field, CARBON COUNTY.	17-61
22-61	7-21-61	Humble Oil & Refining Company	Application requesting authorization from the Commission to institute a pilot water flood project in the Cut Bank Field, GLACIER COUNTY, within Township 35 North, Range 6 West.	20-61
23-61	7-24-61	Phillips Petroleum Co.	Application for an exception to spacing rules applicable to the Tule Creek Field, ROOSEVELT COUNTY.	25-61
24-61	7-31-61	Sumatra Oil Corp.	Application requesting an exception to State-wide field spacing rules to permit a well to be drilled in the C N½ NE SW of Section 14, Township 11 North, Range 31 East, ROSEBUD COUNTY.	23-61
25-61	7-31-61	Shell Oil Company	Application requesting an order from the Commission establishing 80-acre drilling and spacing units for production from the Madison pool underlying a portion of the Monarch Field, FALLON COUNTY, portions of Township 9 North, Range 58 East.	18-61
26-61	8-18-61	Commission	To consider water disposal practices in the Big Wall Field, MUSSELSHELL COUNTY, with all operators within said field submitting all available information pertaining to their water disposal practices.	26-61
27-61	9- 1-61	The Montana Power Co.	Application requesting an order from the Commission approving the Cobb Gas Storage project in GLACIER and TOOLE COUNTIES, covering portions of Townships 36 and 37 North, Ranges 4 and 5 West.	27-61
28-61	9- 1-61	Socony Mobil Oil Co., Inc.	Application requesting an order from the Commission pooling all interests in the established Madison formation in the Dwyer Field, SHERIDAN COUNTY, for a spacing unit described as the NE¼ of Section 29, Township 32 North, Range 59 East.	28-61

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
29-61	9-21-61	Commission	To consider evidence, testimony, exhibits or documents pertaining to the Dwyer Field, SHERIDAN COUNTY, and field rules applicable thereto established by Commission Order No. 25-60, which order was a temporary order for a period of 12 months.	29-61
30-61	10- 3-61	Socony Mobil Oil Co., Inc.	Application for an exception to spacing rules applicable to the Dwyer Field, SHERIDAN COUNTY, as the same was previously delineated by Commission Order No. 25-60.	30-61
31-61	10-23-61	TEXACO Inc.	Application requesting approval from the Commission for the initiation and operation of a water flood project in the proposed Southeast Cut Bank Sand Unit, Cut Bank Field, GLACIER COUNTY. Said program being for the purpose of secondary recovery of oil.	31-61
32-61	10-23-61	Shell Oil Company	Application for approval from the Commission of a proposed salt water disposal program in the Gas City Field, DAWSON COUNTY.	32-61
33-61	10-23-61	Commission	To consider a change in Commission Rule 204 pertaining to the bonding requirements for operators.	35-61
34-61	10-24-61	Gulf States Oil Co.	Application requesting an exception to field spacing rules applicable to the Southwest Richey Field, McCONE COUNTY.	33-61
35-61	10-25-61	E. A. Polumbus, Jr.	Application for permission to dispose of salt water produced with oil in the East Poplar Field, ROOSEVELT COUNTY, by injection of the same into the Judith River formation.	34-61
1-62	11-28-61	Perl Smith	Application for an order from the Commission establishing spacing rules, delineation, and naming of a new oil field in TETON and PONDERA COUNTIES, portions of Townships 27 and 28 North, Range 5 West.	5-62
2-62	12- 7-61	The Cooperative Refinery Association	Application for an order from the Commission establishing field rules, spacing and delineation of a newly discovered oil field in Townships 30 and 31 North, Range 47 East, ROOSEVELT COUNTY.	2-62
3-62	12- 7-61	Commission	To consider re-delineation and amendment to field rules pertaining to the Cupton Field, FALLON COUNTY, as the same has heretofore been delineated and field rules established therefor by Commission Order No. 31-55.	6-62
4-62	12- 7-61	Commission	To consider re-delineation and amendment to field rules pertaining to the Fertile Prairie Field, FALLON COUNTY, as the same has heretofore been delineated and field rules established therefor by Commission Order No. 6-55.	7-62
5-62	12-13-61	Miles Jackson, Inc.	Application requesting an order extending an area delineated by the Commission as the Red Creek Field, GLACIER COUNTY, by including within the Red Creek Field additional land in Township 37 North, Range 5 West.	9-62
6-62	12-13-61	Phillips Petroleum Co.	Application for an order establishing field rules creating 160-acre drilling units for production of oil and gas from the Devonian formation from an area discovered by the completion of an oil well in the NE SW of Section 34, Township 31 North, Range 47 East, ROOSEVELT COUNTY.	1-62

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
7-62	12-14-61	Murphy Corporation	Application requesting permission to inject salt water into the Judith River formation underlying the East Poplar Field, ROOSEVELT COUNTY.	10-62
8-62	12-14-61	Shell Oil Company	Application requesting approval from the Commission for its plan of secondary recovery in the Pine Unit of the Pine Field, WIBAUX and FALLON COUNTIES. The request is for the expansion of a pilot project for secondary recovery and pressure maintenance purposes to a full scale project by ultimately injecting approximately 30,000 barrels of water per day into two or more intervals of the Siluro-Ordovician reservoir.	8-62 and 8-62-A
9-62	12-14-61	Keith C. Morton	Application requesting an exception to spacing rules applicable to the Gypsy Basin Field, TETON COUNTY.	11-62
10-62	12-18-61	Phillips Petroleum Co.	Application requesting approval of a unit agreement and a unit operating agreement for the Southwest Cut Bank Sand Unit, and for permission to institute and operate a water flood project for secondary recovery purposes in the Southwest Cut Bank Unit area of the Cut Bank Field, GLACIER COUNTY.	12-62
11-62	12-20-61	Continental Oil Co.	Application requesting approval of a water flood project for the First and Second Cat Creek Sands in the East Dome Participating Area of the Cat Creek Unit of the Cat Creek Field, PETROLEUM COUNTY, and for approval of commingling of production from said sands and approval of the unit agreement in the East Cat Creek Field.	13-62
12-62	12-20-61	Humble Oil & Refining Co.	Application requesting an order by the Commission granting an exception to the spacing rules applicable to the area referred to as Northwest Tule Creek, and for permission to drill a well for production of oil or gas in the SW¼ of the SE¼ of Section 34, Township 31 North, Range 47 East, ROOSEVELT COUNTY.	3-62
13-62	12-20-61	Humble Oil & Refining Co.	Application for an order by the Commission granting an exception to the spacing applicable to that area referred to as Northwest Tule Creek, and authorizing the drilling of a well for production of oil or gas in the SW¼ of the NE¼ of Section 34, Township 31 North, Range 47 East, ROOSEVELT COUNTY.	4-62
14-62	12-20-61	Humble Oil & Refining Co.	Application for an order by the Commission pooling the separately owned oil and gas interests in each spacing unit which may be established in the SW¼ of Section 34, Township 31 North, Range 47 East, ROOSEVELT COUNTY.	14-62
15-62	1-16-62	Ira C. Bond	Application requesting that the area now referred to as the Laurel Field in YELLOWSTONE COUNTY, be delineated and that a 10-acre well spacing pattern for development within said field be adopted.	15-62
16-62	1-18-62	Cardinal Petroleum Co.	Application requesting the Commission re-establish well spacing units for production of oil from the Swift formation underlying certain lands in Township 37 North, Range 5 West, as established by Commission Order No. 36-54 for production in the Flat Coulee Field, LIBERTY COUNTY.	16-62

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
17-62	1-18-62	Cardinal Petroleum Co.	Application for an order establishing well spacing units for the production of oil from the Sunburst formation underlying certain lands in Township 37 North, Range 5 West, GLACIER COUNTY, and that 40-acre spacing units be established.	17-62
18-62	1-18-62	Shell Oil Company	Application for an exception to the established spacing pattern in the Monarch Field, FALLON COUNTY, as established by Commission Order No. 12-59.	18-62
19-62	1-18-62	Shell Oil Company	Application for establishment of special field rules for 80-acre drilling and spacing units underlying the Yellowstone Field, DAWSON COUNTY.	19-62
20-62	1-18-62	Shell Oil Company	Application requesting a modification of rules governing production for the Siluro-Ordovician pool underlying Pennel Field, FALLON COUNTY, as established by Commission Order No. 1-56.	20-62 20-62-A and 20-62-B
21-62	1-18-62	Shell Oil Company	Application for field rules establishing 160-acre drilling and spacing units for the Siluro-Ordovician pool underlying the South Pennel Area, FALLON COUNTY.	21-62 and 21-62-A
22-62	1-18-62	The Montana Power Co.	Application requesting the Commission to designate certain lands in LIBERTY COUNTY as the East Keith Gas Field. Further, that the Commission establish gas spacing units in the said field with fixed well locations. Land affected lies within Township 36 North, Ranges 6 and 7 East.	22-62
23-62	1-19-62	Humble Oil & Refining Co.	Application requesting an order by the Commission pooling the separately owned oil and gas interests in the SE¼ of Section 34, Township 31 North, Range 47 East, ROOSEVELT COUNTY.	23-62 and 23-62-A
24-62	2-13-62	Northwest Production Corp.	Application for expansion of a pilot water flood project in the Kevin-Sunburst Field, Section 32, Township 35 North, Range 2 West, TOOLE COUNTY.	24-62
25-62	2-13-62	Gulf States Oil Co.	Application for re-delineation and re-spacing of the Southwest Richey Field, McCONE COUNTY.	25-62
26-62	2-16-62	Commission	To consider all evidence, testimony, exhibits and documents as may be submitted by operators within the Tule Creek Field, ROOSEVELT COUNTY, for the purpose of re-evaluating current spacing, delineation, and rules and regulations as established by Commission Order No. 4-61, which order was of a temporary nature and for a period of one year.	26-62
27-62	2-16-62	Diamond B Industries	Application for an order by the Commission establishing special field rules for the Mosser Dome Field, Township 3 South, Range 24 East, YELLOWSTONE COUNTY, permitting flexibility in selecting well locations.	27-62
28-62	2-19-62	Pan American Petroleum Corp.	Application requesting amendment to Commission Order No. 11-60 as to wells permitted in the SW¼ of Section 30, Township 11 North, Range 31 East, Keg Coulee Field, MUSSELSHELL COUNTY.	28-62

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
29-62	2-19-62	Commission	To consider previous Commission orders concerning the Gas City Field, DAWSON COUNTY, for the purpose of delineating the said field as Gas City Field, for the spacing of the field as delineated, and for establishing field rules for production from the Siluro-Ordovician reservoir.	29-62
30-62	3-21-62	Paul F. Rutledge	Application requesting an order from the Commission for the re-delineation, re-spacing and amendment to field rules pertaining to the Brorson Field, RICHLAND COUNTY.	30-62 and 30-62-A
31-62	3-21-62	TEXACO Inc.	Application requesting an order from the Commission authorizing thermal recovery of oil as an experiment in the SE¼ of Section 15, Township 35 North, Range 2 West, within the Kevin-Sunburst Field, TOOLE COUNTY.	31-62
32-62	3-23-62	Murphy Corporation	Application for an order pooling the separately owned oil and gas interests in the NW¼ of Section 34, Township 31 North, Range 47 East, within the Benrud Field, ROOSEVELT COUNTY.	32-62 and 32-62-A
33-62	4-16-62	Sinclair Oil & Gas Co.	Application for an exception to Commission Rule 203 relative to the spacing of wells and requesting a location 1400' from the north line and 660' from the east line of Section 29, Township 9 South, Range 23 East, CARBON COUNTY, which location is for a pre-Madison test.	33-62
34-62	4-19-62	Texas-Alberta Oil Corp.	Application requesting permission to develop the Brady Sand Pool in the Brady Field, PONDERA COUNTY, on a 20-acre well spacing pattern.	34-62
35-62	4-19-62	The Montana Power Co.	Application for an order pooling the separately owned interests in the Gunderson Spacing Unit (gas) within the East Keith Gas Field, Section 11, and Section 12, Township 36 North, Range 6 East, LIBERTY COUNTY.	35-62
36-62	4-20-62	Commission	To consider amendments to previous Commission orders concerning the Cabin Creek Field, FALLON COUNTY, with all operators within the field to present testimony and evidence for the purpose of delineating said field as the Cabin Creek Field, for the spacing of the field as delineated, and for establishing of any field rules for production from the Mission Canyon and Siluro-Ordovician reservoirs.	36-62
37-62	4-20-62	Commission	To consider amendments to previous Commission orders concerning the Pine Field, DAWSON, FALLON, PRAIRIE and WIBAUX COUNTIES, with all operators within the field to present evidence and testimony for the purpose of delineating said field as the Pine Field, for the spacing of the field as delineated, and for establishing of any field rules for production from the Siluro-Ordovician reservoir.	37-62 and 37-62-A
38-62	5-14-62	Pan American Petroleum Corp.	Application for permission to dispose of brackish water by injection into the Tyler formation through an input well in the NW SE of Section 12, Township 11 North, Range 31 East, within the Stensvad Field, ROSEBUD COUNTY.	38-62
39-62	6- 1-62	Robert H. Scott	Application requesting an exception to spacing rules applicable in the Tule Creek Field, ROOSEVELT COUNTY.	40-62

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
40-62	6- 1-62	Commission	To consider amendments to previous Commission orders concerning the Little Beaver Field, FALLON COUNTY, with operators within said field furnishing all available information to be used for spacing of the field as delineated, for establishment of any field rules for production from the producing formation or formations underlying the said field.	41-62
41-62	6- 1-62	Commission	To consider amendments to previous Commission orders concerning the Little Beaver East Field, FALLON COUNTY, with operators supplying all information available to be used for the purpose of delineating the said field as Little Beaver East Field, for the spacing of the field as delineated and for establishing of any field rules for production from the producing formation or formations underlying the said field.	42-62
42-62	6- 1-62	Commission	To consider amendments to Commission rules pertaining to injection Form No. 5 and the information required to be set forth by the operators on said Form No. 5, which form will be named "Report of Sub-surface Injection."	43-62
43-62	6- 4-62	Commission	To consider Commission Order No. 1-62 pertaining to the Benrud Field, ROOSEVELT COUNTY, which order was a temporary order for a period of six months; that the Commission will review all evidence available and any recommendations as to change and amendment of the said Order No. 1-62.	44-62
44-62	6-20-62	Cardinal Petroleum Co.	Application requesting delineation and spacing of an oil field referred to as the Snyder Field in BIG HORN COUNTY. Further, that 10-acre spacing units be established for production from the Tensleep formation in the field, which lies within Township 1 North, Range 34 East and Township 1 South, Range 35 East.	45-62
45-62	6-20-62	Socony Mobil Oil Co., Inc.	Application for approval of a proposed salt water disposal program in the Pennel Field, FALLON COUNTY.	46-62
46-62	6-20-62	TEXACO Inc.	Application for an order repealing Woodrow Field Orders No. 24-55 and 25-55, and defining the Seven Mile Field as including both the present Woodrow and Seven Mile Field areas, DAWSON COUNTY, and establishing 80-acre spacing units within the field, and other special field rules.	47-62
47-62	6-20-62	TEXACO Inc.	Application requesting approval of sub-surface disposal of salt water in the proposed Seven Mile Field, DAWSON COUNTY.	48-62
48-62	6-20-62	TEXACO Inc.	Application for an order amending Commission Order No. 16-59 and to permit sub-surface commingling of production from the Interlake-Silurian and Red River-Ordovician pools in the Sand Creek Field, DAWSON COUNTY.	49-62
49-62	6-20-62	Texas-Alberta Oil Corp.	Application for an exception to spacing rules within the Brady Field, PONDERA COUNTY, to permit the operator to drill a well as a substitute for the permitted location which lies within a swamp.	50-62

ORDERS

Order No.	Date Adopted	Docket No.	Subject
10-60 (special)	7-12-60		Relative to a notice and order to plug a well in Section 19, Township 19 North, Range 21 West, LAKE COUNTY.
11-60	7-21-60	10-60	Naming, delineation, and establishment of field rules for the Keg Coulee Field, MUSSELSHELL COUNTY.
12-60	8-25-60	11-60	Exception to spacing rules for the Rudyard Gas Field, HILL COUNTY.
13-60	8-25-60	12-60	Exception to spacing rules applicable to the Ivanhoe Dome Field, MUSSELSHELL and ROSEBUD COUNTIES.
14-60	8-25-60	14-60	Exception to spacing rules applicable to the Red Creek Field, GLACIER COUNTY.
15-60	8-25-60	15-60	Water injection for reservoir pressure maintenance in the Cabin Creek Unit, Cabin Creek Field, FALLON COUNTY.
16-60	8-25-60	16-60	Disposal of salt water produced with oil in the Pennel Field, FALLON COUNTY.
17-60	9-22-60	17-60	Naming, delineation, and establishment of field rules for the Butcher Creek Field, CARBON COUNTY.
18-60	9-22-60	18-60	Exception to spacing rules in the Ivanhoe Dome Field, ROSEBUD and MUSSELSHELL COUNTIES.
19-60	9-22-60	19-60	Permitting the installation of a water flood program for secondary recovery purposes in the Madison formation in the Kevin-Sunburst Field, TOOLE COUNTY.
20-60	9-22-60	20-60	Exception to spacing rules applicable in the Bears Den Field, LIBERTY COUNTY.
21-60	9-22-60	21-60	Permitting a natural gas injection program, for secondary recovery purposes, in the Reagan Field, GLACIER COUNTY.
22-60	9-22-60	22-60	Proposed amendment to Commission Rule 203 (e) 2 relative to spacing of wells.
23-60	10-21-60	23-60	Disposal by injection method of salt water produced with oil in the Little Beaver East Field, FALLON COUNTY.
24-60	10-21-60	24-60	Exception to spacing rules applicable in the Ivanhoe Dome Field, MUSSELSHELL and ROSEBUD COUNTIES.
25-60	10-21-60	25-60	Delineation, naming and establishment of field rules for the Dwyer Field, SHERIDAN COUNTY.
26-60	10-21-60	26-60	Delineation and establishment of special field rules applicable to the Soap Creek Field, BIG HORN COUNTY.
27-60	10-21-60	28-60	Exception to spacing rules applicable to the Mosby Dome of the Cat Creek Field, PETROLEUM COUNTY.
28-60	10-21-60	29-60	Exception to spacing rules applicable to the Stensvad Field, MUSSELSHELL and ROSEBUD COUNTIES.
29-60	10-21-60	27-60	Exception to well spacing pattern in the Keg Coulee Field, MUSSELSHELL COUNTY.
30-60	11-20-60	30-60	Exception to the spacing rules applicable to the Whitlash Field, LIBERTY COUNTY.
31-60	11-29-60	31-60	Exception to spacing rules applicable to the Pennel Field, FALLON COUNTY.
32-60	11-29-60	32-60	Exception to the spacing rules applicable to the Sumatra Field, ROSEBUD COUNTY.
33-60	11-29-60	33-60	Exception to spacing rules applicable to the Keg Coulee Field, MUSSELSHELL COUNTY.
1-61	2- 9-61	1-61	Change of spacing rules applicable to the production of gas from the Eagle sand reservoir, Cedar Creek Anticline, FALLON COUNTY, affecting units numbered 4, 5, 6 and 7.
2-61	2- 9-61	3-61	Exception to the spacing rules applicable to the Keg Coulee Field, MUSSELSHELL COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
3-61	3- 8-61	2-61	Compulsory pooling of interests in and to the SW¼ of Section 13, Township 32 North, Range 58 East, within the Dwyer Field, SHERIDAN COUNTY.
3-61-A	4- 6-61	2-61	Pertaining to the application for a re-hearing of Docket No. 2-61 for the compulsory pooling of interests in and to the SW¼ of Section 13, Township 32 North, Range 58 East, within Dwyer Field, SHERIDAN COUNTY.
4-61	3- 9-61	4-61	Delineation, naming, and establishment of field rules for the Tule Creek Field, ROOSEVELT COUNTY.
5-61	4- 6-61	6-61	Authority for installation of a pilot water flood operation in the Sawtooth formation, Bowes Field, BLAINE COUNTY.
6-61	4- 6-61	7-61	Dismissal of Docket No. 7-61 at the request of the applicant by reason of his not being properly prepared to present proof in support of application.
7-61	4- 6-61	8-61	Exception to spacing rules applicable to the Tule Creek Field, ROOSEVELT COUNTY.
8-61	5-11-61	9-61	Exception to spacing rules applicable to the Tule Creek Field, ROOSEVELT COUNTY.
9-61	5-11-61	10-61	Disposal of salt water produced with oil in the Sand Creek Field, DAWSON COUNTY, by injection.
10-61	5-11-61	11-61	Exception to spacing rules applicable to the Elk Basin Field, CARBON COUNTY.
11-61 (special)	4- 6-61		Reduction of privilege and license tax pertaining to production of oil and natural gas.
12-61	6-29-61	12-61	Water flood operation for secondary recovery purposes in the Swift sands, Bannatyne Field, TETON COUNTY, and approval of an off-pattern well in connection with said project.
13-61	6-29-61	14-61	Salt water disposal injection program in the Tule Creek Field, ROOSEVELT COUNTY.
14-61	6-29-61	15-61	Re-completion of Murphy Unit well No. 59 in the East Poplar Field, ROOSEVELT COUNTY, to be used as a salt water disposal well.
15-61	6-29-61	16-61	Special field rules to establish 80-acre drilling and spacing units for oil production from the Madison pool underlying the Pennel Field, FALLON COUNTY.
16-61	6-29-61	17-61	Secondary recovery pilot water flood operation in Pondera Field, PONDERA COUNTY.
17-61	8-18-61	21-61	Water flood operation for reservoir pressure maintenance in the Madison reservoir, Elk Basin Field, CARBON COUNTY.
18-61	8-18-61	25-61	Establishment of 80-acre drilling and spacing units for production of crude oil from the Madison pool underlying the Monarch Field, FALLON COUNTY.
19-61	8-18-61	18-61	Disposal of salt water produced with oil in the Southwest Richey Field, McCONE COUNTY, by injection into the Third Cat Creek (Lakota) sandstone formation.
20-61	8-18-61	22-61	Pilot water flood project for secondary recovery purposes concerning crude oil in the Cut Bank Field, GLACIER COUNTY.
21-61	8-18-61	13-61	Hearing called by the Commission relative to salt water disposal practices within the East Poplar Field, ROOSEVELT COUNTY.
22-61	8-18-61	20-61	Exception to field rules relative to spacing in the Keg Coulee Field, MUSSELSHELL COUNTY.
23-61	8-18-61	24-61	Exception to State-wide spacing rules in Section 14, Township 11 North, Range 31 East, ROSEBUD COUNTY.
24-61	8-18-61	19-61	Request for re-delineation of the Keg Coulee Field, MUSSELSHELL COUNTY. Request denied.
25-61	8-18-61	23-61	Exception to spacing rules in the Tule Creek Field, ROOSEVELT COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
26-61	9-20-61	26-61	Hearing called by the Commission relative to water disposal practices within the Big Wall Field, MUSSELSHELL COUNTY.
27-61	9-20-61	27-61	Natural gas storage project in GLACIER and TOOLE COUNTIES, known as the Cobb Gas Storage Project.
28-61	9-20-61	28-61	Compulsory pooling of interests in the NE¼ of Section 29, Township 32 North, Range 59 East, Dwyer Field, SHERIDAN COUNTY.
29-61	10-19-61	29-61	Field rules pertaining to the Dwyer Field in SHERIDAN COUNTY. Said rules having been heretofore established by the Commission by its Order No. 25-60 on a 12 months temporary basis.
30-61	10-19-61	30-61	Exception to spacing rules applicable to the Dwyer Field, SHERIDAN COUNTY.
31-61	11-16-61	31-61	Secondary recovery water flood project in the Southeast Cut Bank Sand Unit, Cut Bank Field, GLACIER COUNTY.
32-61	11-16-61	32-61	Salt water disposal by injection in the Gas City Field, DAWSON COUNTY.
33-61	11-10-61	34-61	Exception to field spacing rules applicable to the Southwest Richey Field, McCONE COUNTY.
34-61	11-16-61	35-61	Disposal of salt water in the East Poplar Field, ROOSEVELT COUNTY, by injection of said water into the Judith River formation.
35-61	11-16-61	33-61	Amendment of Commission Rule 204, BOND TO BE FURNISHED.
1-62	1-12-62	6-62	Delineation, naming and establishment of field rules for the Benrud Field, ROOSEVELT COUNTY.
2-62	1-12-62	2-62	Denial of application for delineation and establishment of field rules for an area within ROOSEVELT COUNTY.
3-62	1-12-62	12-62	Denial of application for an exception to spacing rules applicable to an area named and delineated heretofore by the Commission as the Benrud Field, ROOSEVELT COUNTY.
4-62	1-12-62	13-62	Denial of an application for an exception to spacing rules applicable to an area named and delineated heretofore by the Commission as the Benrud Field, ROOSEVELT COUNTY.
5-62	1-12-62	1-62	Delineation, naming and establishment of field rules pertaining to the Pondera Coulee Field, TETON and PONDERA COUNTIES.
6-62	1-12-62	3-62	Re-delineation of the Cupton Field, FALLON COUNTY.
7-62	1-12-62	4-62	Re-delineation of the Fertile Prairie Field, FALLON COUNTY.
8-62	1-12-62	8-62	Hearing on secondary recovery program in the Pine Unit of the Pine Field, WIBAUX and FALLON COUNTIES, continued to later date by this order.
8-62-A	2-10-62	8-62	Secondary recovery program by water injection method for the Pine Unit of the Pine Field, WIBAUX and FALLON COUNTIES.
9-62	1-12-62	5-62	Re-delineation of the Red Creek Field, GLACIER COUNTY.
10-62	1-12-62	7-62	Disposal of salt water by injection within the East Poplar Field, ROOSEVELT COUNTY. Water to be injected into the Judith River formation.
11-62	1-12-62	9-62	Exception to spacing rules applicable to the Gypsy Basin Field, TETON COUNTY.
12-62	1-12-62	10-62	Water flood program for secondary recovery purposes in the Southwest Cut Bank Unit Area of the Cut Bank Field, GLACIER COUNTY.
13-62	1-12-62	11-62	Water flood program for secondary recovery purposes in the East Dome Participating Area of the Cat Creek Unit, Cat Creek Field, PETROLEUM COUNTY.
14-62	1-12-62	14-62	Denial of an application for an order pooling interests in the SE¼ of Section 34, Township 31 North, Range 47 East, Benrud Field, ROOSEVELT COUNTY.
15-62	2-10-62	15-62	Naming, delineation and establishment of field rules for the Laurel Field, YELLOWSTONE COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
16-62	2-10-62	16-62	Re-delineation and amendment to field rules for the Flat Coulee Field, LIBERTY COUNTY.
17-62	2-10-62	17-62	Naming, delineation, and establishment of field rules for the Graben Coulee Field, GLACIER COUNTY.
18-62	2-10-62	18-62	Exception to field rules with regard to spacing in the Monarch Field, FALLON COUNTY.
19-62	2-10-62	19-62	Establishment of drilling and spacing units and field rules for an area designated by the applicant as Yellowstone Field, but determined by the Commission to be part of the Glendive Field, DAWSON COUNTY.
20-62	2-10-62	20-62	Amendment to field rules in the Pennel Field, FALLON COUNTY.
20-62-A	3- 8-62	20-62	Denial of an application submitted by Fred Schwenk and Henny Schwenk for a re-hearing of Commission Docket No. 20-62.
20-62-B	3- 8-62	20-62	Denial of an application filed by Mon-Dakota Gas Company and S-W Company requesting a re-hearing of Commission Docket No. 20-62.
21-62	2-10-62	21-62	Naming, delineation and establishment of field rules for the Lookout Butte Field, FALLON COUNTY.
21-62-A	3- 8-62	21-62	Denial of an application submitted by the First National Bank of Denver, the Mon-Dakota Gas Company, and the S-W Company for re-hearing of the matter heard under Commission Docket No. 21-62.
22-62	2-10-62	22-62	Naming, delineation and establishment of field rules for the East Keith Gas Field, LIBERTY COUNTY.
23-62	2-10-62	23-62	Pooling of interests in the SE¼ of Section 34, Township 31 North, Range 47 East, Benrud Field, ROOSEVELT COUNTY.
23-62-A	3- 8-62	23-62	Denial of an application submitted by Eason Oil Company and Melvin A. Brown for a re-hearing of the matter heard under Commission Docket No. 23-62.
24-62	3- 8-62	24-62	Expansion of an existing pilot water flood project in the Kevin-Sunburst Field, TOOLE COUNTY.
25-62	3- 8-62	25-62	Re-delineation and re-spacing of the Southwest Richey Field, McCONE COUNTY.
26-62	3- 8-62	26-62	Reconsideration of Commission Order No. 4-61 pertaining to Tule Creek Field, ROOSEVELT COUNTY, which order was of temporary nature set for a period of twelve months.
27-62	3- 8-62	27-62	Amendment to field rules on spacing in the Mosser Dome Field, YELLOWSTONE COUNTY.
28-62	3- 8-62	28-62	Amendment to Commission Order No. 11-60 pertaining to spacing rules in the Keg Coulee Field, MUSSELSHELL COUNTY.
29-62	4-12-62	29-62	Delineation and establishment of field rules for the Gas City Field, DAWSON COUNTY.
30-62	4-12-62	30-62	Re-delineation and re-spacing of the Brorson Field, RICHLAND COUNTY.
30-62-A	5-10-62	30-62	Amendment to Order No. 30-62 as much as pertains to the name of Brorson Field, by re-naming said field Sidney-Brorson Field, RICHLAND COUNTY.
31-62	4-12-62	31-62	In situ combustion for secondary recovery in the Kevin-Sunburst Field, TOOLE COUNTY.
32-62	5-12-62	32-62	Pooling of interests in the NW¼ of Section 34, Township 31 North, Range 47 East, Benrud Field, ROOSEVELT COUNTY.
32-62-A	5-10-62	32-62	Denial of an application for a re-hearing of the matter heard under Commission Docket No. 32-62 on the 12th day of April 1962.
33-62	5-10-62	33-62	Exception to spacing rules pertaining to the Northwest Elk Basin Field, CARBON COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
34-62	5-10-62	34-62	Delineation of the Brady Field, PONDERA COUNTY, and field rules applicable thereto, including spacing of wells.
35-62	5-10-62	35-62	Pooling of interests in the Gunderson Spacing Unit (natural gas) in the East Keith Gas Field, LIBERTY COUNTY.
36-62	5-10-62	36-62	Delineation and establishment of field rules for the Cabin Creek Field, FALLON COUNTY.
37-62	5-10-62	37-62	Delineation and establishment of field rules for the Pine Field, DAWSON, FALLON, PRAIRIE and WIBAUX COUNTIES.
37-62-A	5-10-62	37-62	Correction of Commission Order No. 37-62 relative to permitted location of wells.
38-62	6- 7-62	38-62	Disposal of salt water produced with oil in the Stensvad Field, ROSEBUD COUNTY.
39-62 (special)	6- 7-62		Reduction of the privilege and license tax pertaining to production of crude oil and natural gas within the State.
B-62 (special)	6- 7-62		Investigation and reappraisal into salt water disposal practices of operators within the Pennel Field, FALLON COUNTY.

WELLS COMPLETED FROM JULY 1, 1960 TO JULY 1, 1961

BIG HORN COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Robert Bogart	McGlothlin-West	1	NE NW SW—34 6S 32E	50	Dry	Fee	*
Great Northern Drlg. Co.	J. O. Cooke	1	C SW NE—33 8S 39E	5,609	Dry	Fee	**
Hose-Austin Drlg. Corp.	Kendrick	1	C NE SE—22 9S 43E	5,405	Dry	Fee	**
Hose-Austin Drlg. Corp.	Snyder Gov't	1	SC NW SE—18 8S 41E	5,300	Dry	Gov't	**
Petroleum, Inc.	Cooke	1	C NW NW—24 9S 39E	5,508	Dry	Fee	**
Phillips Petr. Co.	Crown A	1	SC SW NE—34 5S 25E	2,526	Dry	Indian	**
Total of 6 Wells Completed: 6 Dry Holes; 4 on Fee Lands, 1 on Indian Lands, 1 on Gov't Lands; 5 Wildcat Wells. Total footage drilled was 24,398 feet.							

BLAINE COUNTY

Max Nielson	Maurice Powell	1	C SW SW—23 32N 19E	100	Dry	Fee	*
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CARBON COUNTY

Breuer & Curran Oil Co.	Olsen	1	NE NW NE—2 4S 23E	1,210	Dry	Fee	**
Breuer & Curran Oil Co.	Olsen	2	NW NW NW—2 4S 23E	1,302	Dry	Fee	**
A. N. Brown & D. J. Pickrell	Goodman	1	NE NE NW—29 5S 23E	2,136	Dry	Fee	**
Eldon E. Hubbard	Cruse Mining Co.	1	NW NE SE—32 6S 18E	268	Dry	Fee	**
Northern Nat. Gas Prod. Co.	Foothills Co.	1-A	C NW SW—13 6S 17E	3,896	Oil	Fee	*
Skinner Corp.	A. F. Lee	1	C SE NW—31 9S 25E	5,570	Dry	Fee	**
Warren G. Wise	Cruse Mining Co.	2	NE NW SW—33 6S 18E	71	Dry	Fee	**
Total of 7 Wells Completed: 6 Dry Holes, 1 Oil Well; 7 on Fee Lands; 1 Development Well, 6 Wildcat Wells. Total footage drilled was 14,453 feet.							

CARTER COUNTY

Banta Petroleum, Inc.	Brindley-McCracken	1	C SW SW—14 8S 55E	4,338	Dry	Fee	**
Dakamont Exp. Corp.	U.S.A.-Mont. 014389	1	C SW SW—21 9S 56E	2,628	Dry	Gov't	**
Davis Oil Co.	Larrie Phelps	A-1	NE SW SE—19 1N 60E	8,680	Dry	Fee	**
El Paso Nat. Gas Prod.	U.S.A.-Mont. 014360-Cox	1	EC SE SE—8 9S 56E	2,800	Dry	Gov't	**
The Fremont Petr. Co.	Fed. M 094	1	C SE SE—13 7S 58E	2,500	Dry	Gov't	**
Sumatra Oil Corp.	Barbero	1	C SE SW—17 7S 55E	4,842	Dry	Fee	**
Total of 6 Wells Completed: 6 Dry Holes; 3 on Fee Lands, 3 on Gov't Lands; 6 Wildcat Wells. Total footage drilled was 25,788 feet.							

DANIELS COUNTY

CAJR Exploration, Inc.	Lindquist	1	C SE SW—9 34N 49E	8,230	Dry	Fee	**
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DAWSON COUNTY

Haroldson L. Hunt, Jr.	N. P. R. R.	1	C NW NE—25 15N 55E	10,238	Dry	Fee	**
Shell Oil Company	Unit 33X-12D		SW NW SE—12 13N 55E	9,047	Oil	Gov't	*
Shell Oil Company	Unit (US B-042115A)	11X-19C	SW NW NW—19 13N 56E	9,040	Oil	Gov't	*
Shell Oil Company	Unit (US 041867-A)	11-12D	NW NW NW—12 13N 55E	8,965	Oil	Gov't	*
Shell Oil Company	U.S. 041867 B	44X-2A	WC SE SE—2 13N 55E	9,010	Oil	Gov't	*
Shell Oil Company	U.S. 041867 B	33X-2A	SW NW SE—2 13N 55E	9,050	Oil	Gov't	*
Shell Oil Company	041918 (L. B. Cox-1)	42-13D	C SE NE—13 13N 55E	9,170	Oil	Gov't	*
Shell Oil Company	U.S. 041867 B	22-2A	NW SE NW—2 13N 55E	9,050	Oil	Gov't	*
Shell Oil Company	U.S. 041098	13-27	C NW SW—27 14N 55E	9,159	Oil	Gov't	*
Shell Oil Company	U.S. 041867 B	11-2A	NW NW NW—2 13N 55E	9,043	Oil	Gov't	*
TEXACO Inc.	Bennett	1	C NE NE—9 15N 54E	9,641	Oil	Fee	*
Total of 11 Wells Completed: 1 Dry Hole, 10 Oil Wells; 2 on Fee Lands, 9 on Gov't Lands; 10 Development Wells, 1 Wildcat Well. Total footage drilled was 101,413 feet.							

FALLON COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
Hunt Petroleum Corp.	N. P. R. R.	1	C NE NE—11 5N 59E	9,128	Dry	Fee	**
King-Stevenson Oil Co.	H. Wyrick	1	C SE NE—22 9N 59E	9,528	Dry	Fee	*
Mont.-Dakota Utilities Co.	Fed. 027575	393	EC NW SW—4 8N 59E	8,855	Gas	Gov't	*
Shell Oil Company	N. P. Unit	248	EC SE SW—8 10N 58E	9,185	Oil	Fee	*
Shell Oil Company	MDU Agm't-N. P.	22-19	SW SE NW—19 4N 62E	8,570	Oil	Fee	*
Shell Oil Company	State 2343-49	42-16	C SE NE—16 8N 59E	8,863	Oil	State	*
Shell Oil Company	N. P. R. R.	1423	C SW SW—23 9N 58E	9,034	Oil	Fee	*
Shell Oil Company	N. P. Unit	11-6	C NW NW—6 10N 58E	9,110	Oil	Fee	*
Shell Oil Company	N. P. Unit	22-8	WC SE NW—8 10N 58E	9,169	Oil	Fee	*
Shell Oil Company	A. C. Fox-N. P. Unit	246	NE SE SW—6 10N 58E	9,125	Oil	Fee	*
Shell Oil Company	U.S. 023296-B Unit 8B	44-30	EC SE SE—30 4N 62E	8,479	Oil	Gov't	*
Shell Oil Company	H. Ekland-N. P. Unit	44-6	WC SE SE—6 10N 58E	9,120	Oil	Fee	*
Shell Oil Company	N. P. Ry. Co.	14-9	SW SW SW—9 10N 58E	9,120	Oil	Fee	*
Shell Oil Company	State 1695-46 N. P.	44-36	NW SE SE—36 11N 57E	9,078	Oil	State	*
Shell Oil Company	N. P. Unit	34-11	C SW SE—11 4N 61E	8,530	Oil	Fee	*
Shell Oil Company	N. P. Ry. Co.	21-21	SC NE NW—21 10N 58E	9,148	Oil	Fee	*
Shell Oil Company	N. P. Ry. Co.	34-5	SW SW SE—5 10N 58E	9,126	Oil	Fee	*
Shell Oil Company	N. P. Ry. Co.	32-3	SW SW NE—3 9N 58E	9,295	Oil	Fee	*
Shell Oil Company	MDU Agm't-N. P. Unit	13-29	NC NW SW—29 4N 62E	8,525	Oil	Fee	*
Shell Oil Company	U.S. 023296B						
Shell Oil Company	(MDU Agm't)	41X-14R	SW NE NE—14 4N 61E	8,520	Oil	Gov't	*
Shell Oil Company	U.S. 023296 (b)	11-32	EC NW NW—32 4N 62E	8,495	Oil	Gov't	*
Shell Oil Company	U.S. 023296 (b)	33-30	EC NW SE—30 4N 62E	8,515	Oil	Gov't	*
Shell Oil Company	U.S. 023296 (b)	42-30	WC SE NE—30 4N 62E	8,507	Oil	Gov't	*
Shell Oil Company	U.S. 025044A (War'n et al-1)	44-23	C SE SE—23 8N 59E	8,912	Oil	Gov't	*
Shell Oil Company	State 2857-51	11X-36R	SE NW NW—36 8N 59E	8,927	Oil	State	*
Shell Oil Company	Bill 023296 (b)	22-32	WC SE NW—32 4N 62E	8,615	Oil	Gov't	*
Shell Oil Company	U.S. 025044A (War'n et al-1)	24-23	SC SE SW—23 8N 59E	8,890	Oil	Gov't	*
Shell Oil Company	U.S. 023296A Unit	31X-24	SW NW NE—24 4N 61E	8,600	Oil	Gov't	*
Shell Oil Company	N. P. Ry. Co.	M12-15	C SW NW—15 9N 58E	8,256	Oil	Fee	*
Shell Oil Company	J. M. Morris	31-12A	NE NW NE—12 7N 59E	8,850	Oil	Fee	*
Shell Oil Company	U.S. 023250-A Unit	22-8	WC SE NW—8 4N 62E	8,425	Oil	Gov't	*
Shell Oil Company	U.S. 023296 (b)	22-30	EC SE NW—30 4N 62E	8,555	Oil	Gov't	*
Shell Oil Company	MDU Agm't-N. P. Ry. Co.						
Shell Oil Company	Unit	24-29	NC SE SW—29 4N 62E	8,574	Oil	Fee	*
Shell Oil Company	N. P. Ry. Co.	M23-15	WC NE SW—15 9N 58E	7,360	Oil	Fee	*
Shell Oil Company	M. R. Chrysler-N. P. Ry. Co.						
Shell Oil Company	025044B (Warren et al-2)	33-20R	SW NW SE—20 10N 58E	8,940	Oil	Fee	*
Shell Oil Company	N. P. Ry. Co.	22-23	SC SE NW—23 8N 59E	8,930	Oil	Gov't	*
Shell Oil Company	B-032091 Gov't	23-5	SW NE SW—5 10N 58E	9,190	Oil	Fee	*
Shell Oil Company	MDU Agm't-N. P. Ry. Co.	42-14	NC SE NE—14 8N 59E	9,030	Oil	Gov't	*
Shell Oil Company	Unit	11-29	C NW NW—29 4N 62E	8,600	Oil	Fee	*
Shell Oil Company	U.S. 023250-A Unit	33X-8	NW NW SE—8 4N 62E	8,410	Oil	Gov't	*
Shell Oil Company	N. P. R. R. Unit W.I.	44X-33	SE SE SE—33 10N 58E	9,017	Dry	Gov't	*
Shell Oil Company	N. P. Ry. Co.	34-3	C SW SE—3 9N 58E	9,285	Oil	Fee	*
Shell Oil Company	U.S. 025044B (Warren-2)	22-25	EC SE NW—25 8N 59E	8,980	Oil	Gov't	*
Shell Oil Company	W. H. Ames, et al-N. P.	M14-10	C SW SW—10 9N 58E	7,850	Dry	Fee	*

Total of 44 Wells Completed: 4 Dry Holes, 39 Oil Wells, 1 Gas Well; 25 on Fee Lands, 16 on Gov't Lands, 3 on State Lands; 43 Development Wells, 1 Wildcat Well. Total footage drilled was 387,221 feet.

FERGUS COUNTY

Operator	Well Name	Number	Location—Sec., Twp., Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Breuer & Curran Oil Co.	Robert F. Ahlgren	1	C SE NE—6 13N 24E	2,290	Dry	Fee	**
Mule Creek Oil Co., Inc.	Alvin Abbott	A-1	C NW SW—20 12N 24E	1,500	Dry	Fee	**
Sinclair Oil & Gas Co.	Blazievich	1	C SE NE—12 21N 19E	4,800	Dry	Fee	**

Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 3 Wildcat Wells. Total footage drilled was 8,590 feet.

GARFIELD COUNTY

Antelope Dome Oil Co.	Blgs.-041482	1	NE NW SW—26 15N 30E	80	Dry	Gov't	*
Kewanee Oil Company	N. P.	1	SC NE NE—5 14N 33E	5,340	Dry	Fee	**

Total of 2 Wells Completed: 2 Dry Holes; 1 on Fee Land, 1 on Gov't Land; 1 Development Well, 1 Wildcat Well. Total footage drilled was 5,420 feet.

GLACIER COUNTY

Cabeen Expl. Corp.	Wetzel Fee	1	C NE NE—20 34N 6W	3,175	Dry	Fee	*
Continental Oil Co.	Blackfeet Tribal 1111	1	C SE SW—33 32N 6W	3,450	Oil	Indian	*
Continental Oil Co.	Blackfeet Tribal 1279	1	C NW NW—9 32N 6W	3,607	Dry	Indian	*
Continental Oil Co.	Blackfeet Tribal 1645	1	C NE SW—4 35N 6W	3,215	Dry	Indian	*
D. W. Enders	Gov't	1	NE SE NE—22 34N 6W	2,957	Dry	Gov't	*
Fred Goodstein	Tribal No. 1026	1	C NW SE—34 33N 6W	3,274	Dry	Indian	*
Gulf Oil Corporation	Blackfeet Tribal	1	NC NE SW—3 30N 12W	10,701	Dry	Indian	**
Miles Jackson, Inc.	Sloss	1	C SE NE—9 33N 6W	3,340	Dry	Fee	*
Miles Jackson, Inc.	Tribal-Baker	1	C NE SE—28 36N 6W	3,167	Oil	Indian	**
Miles Jackson, Inc.	Tribal "C"	1	EC SE SE—34 32N 6W	3,310	Oil	Indian	*
Miles Jackson, Inc.	Tribal "D"	1	C SE NW—34 32N 6W	3,485	Oil	Indian	*
Miles Jackson, Inc.	E. J. Lander & Co.	1	C SW NW—10 32N 6W	3,300	Dry	Fee	*
Miles Jackson, Inc.	Hanneman-Stirling	1	C SE NE—27 33N 6W	3,169	Dry	Fee	*
R. P. Jackson	Gov't Gt. Falls 086371-A	1	NC NW—2 37N 5W	2,950	Dry	Gov't	*
C. R. McShane	Tribal No. 1094	1	C NE SW—28 32N 6W	3,611	Oil	Indian	*
C. R. McShane	Tribal No. 1093	1	C SE NW—28 32N 6W	3,583	Oil	Indian	*
C. R. McShane	Tribal No. 1100	1	C SW SE—33 32N 6W	3,320	Oil	Indian	*
C. R. McShane	Tribal No. 1099	1	C SE NE—33 32N 6W	3,611	Oil	Indian	*
Montalban Oils Inc.	DeRuwe	1-A	NC NE NW—33 30N 8W	5,223	Dry	Fee	*
Montalban Oils Inc.	Donald Wilson	1	C NW SW—27 36N 9W	5,527	Dry	Fee	**
Montalban Oils Inc.	State 4770-56	S-1	NE SE NE—15 37N 5W	2,770	Dry	State	*
The Montana Power Co.	Reynold's	2	SW NE SE—15 36N 5W	3,181	Gas	Fee	*
The Montana Power Co.	Mont. 0175-B Gov't	1	SE NW SW—25 37N 6W	3,181	Gas	Gov't	*
Opal Oil Company	Perrine	1	C NW SE—31 34N 8W	360	Dry	Fee	**
Pattie-Hannah-Moberly	DeSchon-Bailey	2	NE NE NE—35 34N 6W	2,961	Oil	Fee	*
Pattie-Hannah-Moberly	Rudolph & M. Kruger	1	NW NE SW—14 37N 5W	2,584	Dry	Fee	*
Salt Dome Prod. Co.	M. Krueger	2	C SW SW—12 37N 5W	2,822	Dry	Fee	*
Salt Dome Prod. Co.	I. Moberly	3	C SE SW—1 37N 5W	2,656	Oil	Fee	*
Skelly Oil Co.	Blackfeet "A"	3	SC NE SE—35 36N 7W	3,714	Dry	Indian	**
Superior Oil Co.	Blackfeet Tribal	23-19	C NE SW—19 37N 14W	12,705	Dry	Indian	**
TEXACO Inc.	Blackfeet Tribe "C"	2	C NW SE—28 32N 6W	3,560	Oil	Indian	*
TEXACO Inc.	Blackfeet Tribe "D"	3	EC SW NE—28 32N 6W	3,580	Oil	Indian	*
TEXACO Inc.	Blackfeet Tribe "D"	4	C NW NE—28 32N 6W	3,590	Oil	Indian	*
Texota Oil Company	Tribal	E-1	C SW NW—34 32N 6W	3,600	Oil	Indian	*
Union Oil Co. of Calif.	Mont. Power-Tribal 355	28	NE Lot 3—4 37N 7W	3,585	Oil	Indian	*
Union Oil Co. of Calif.	Stuff No. 417	3	C SE SE—24 36N 6W	3,158	Oil	Fee	*

Total of 36 Wells Completed: 18 Dry Holes, 16 Oil Wells, 2 Gas Wells; 13 on Fee Lands, 3 on Gov't Lands, 19 on Indian Lands, 1 on State Land; 30 Development Wells, 6 Wildcat Wells; 1 Successful Wildcat Well. Total footage drilled was 135,982 feet.

GOLDEN VALLEY COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Status	Total Depth	Type of Lease	Classification * Development ** Wildcat
Phillips Petroleum Co.	Jensen A	1	WC NE SW—27 7N 22E	5,962	Dry	Fee	*

HILL COUNTY

Skelly Oil Company	Anna Aronow	1	NC SW SW—6 33N 11E	3,535	Dry	Fee	*
TEXACO Inc.	R. E. Bair	1	C NW SE—28 34N 9E	6,550	Dry	Fee	*
TEXACO Inc.	H. Jackson	1	C NW—11 33N 9E	3,526	Dry	Fee	*

Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 3 Development Wells. Total footage drilled was 13,611 feet.

JUDITH BASIN COUNTY

Great Northern Drlg. Co., Inc.	V. E. Watson	1	C SE SE—34 15N 14E	2,510	Dry	Fee	**
Great Northern Drlg. Co., Inc.	A. H. Porter	1	C SE NE—6 14N 14E	2,110	Dry	Fee	**
Pan American Petr. Corp.	Giffen Coal Mines	1	EC SE SW—22 15N 12E	1,610	Dry	Fee	**
The Pure Oil Co.	Denzill Noll	1	C NW NE—30 16N 15E	5,735	Dry	Fee	**
The Pure Oil Co.	B. J. B. Ford	1	NC NE SE—21 15N 15E	3,972	Dry	Fee	**

Total of 5 Wells Completed: 5 Dry Holes; 5 on Fee Lands; 5 Wildcat Wells. Total footage drilled was 15,937 feet.

LIBERTY COUNTY

B & B Drilling Co.	Bingham	MDU 606	C SE SE—13 37N 4E	1,900	Gas	Fee	*
Cabeen Expl. Corp.	Hagood-Fed. M-022635	2	SW SE NE—7 36N 6E	2,630	Oil	Gov't	*
Cabeen Expl. Corp.	Saterdall Fed.	1	C SW NE—7 36N 6E	2,510	Oil	Gov't	*
Cabeen Expl. Corp.	Keith-Edwards Fed.	1	C SE SW—21 36N 6E	3,200	Dry	Gov't	*
Cardinal Petr. Co.	Robert Jensen	1	C NE NW—18 34N 4E	2,554	Dry	Fee	**
Cardinal Petr. Co.	State	A1	C SE SE—16 37N 6E	3,495	Dry	State	**
Oien Oil Corp.	Nels Petterson	1	C SW SE—20 35N 5E	3,120	Dry	Fee	**

Total of 7 Wells Completed: 4 Dry Holes, 2 Oil Wells, 1 Gas Well; 3 on Fee Lands, 3 on Gov't Lands, 1 on State Land; 4 Development Wells, 3 Wildcat Wells. Total footage drilled was 19,409 feet.

McCONE COUNTY

Gulf States Oil Co.	N. P. R. R.	1	C NW SW—25 22N 48E	9,412	Dry	Fee	**
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MUSSELSHELL COUNTY

American Climax Petr. Corp.	Fed. 040558-D	32-12	C NW SW—32 11N 31E	4,640	Oil	Gov't	*
American Climax Petr. Corp.	Fed. B-040419-B	20-12	C NW SW—20 11N 31E	4,557	Dry	Gov't	**
American Climax Petr. Corp.	DeJaegher	31-10	C NW SE—31 11N 31E	4,660	Oil	Fee	*
American Climax Petr. Corp.	DeJaegher	31-16	C SE SE—31 11N 31E	4,670	Oil	Fee	*
American Climax Petr. Corp.	State	16-9	C NE SE—16 10N 29E	4,312	Dry	State	**
American Climax Petr. Corp.	DeJaegher	31-6	EC SE NW—31 11N 31E	4,625	Dry	Fee	*
American Climax Petr. Corp.	DeJaegher	31-14	C SE SW—31 11N 31E	4,775	Dry	Fee	*
American Climax Petr. Corp.	Fed.-Bigs. 040558-D	32-14	C SE SW—32 11N 31E	4,650	Oil	Gov't	*
American Climax Petr. Corp.	N. P.	17-1	C NE NE—17 10N 28E	4,270	Dry	Fee	**
American Climax Petr. Corp.	DeJaegher	31-2	WC NW NE—31 11N 31E	4,640	Dry	Fee	*
American Climax Petr. Corp.	N. P. R. R.	23-1	C NE NE—23 10N 28E	4,635	Dry	Fee	**
American Climax Petr. Corp.	Fed. M-040042	35-3	C NE NW—35 11N 25E	2,862	Dry	Gov't	**
American Metal Climax, Inc.	A. M. Hougden et al	1-A	C SW NE—7 10N 30E	4,600	Dry	Fee	**
James M. Bailey	C. H. Hall	1	C NW SE—6 10N 28E	4,130	Dry	Fee	**
John W. Batts	State 5522-59	"C"1	C NE NW—36 11N 30E	4,718	Dry	State	*
British-American Oil Prod. Co.	Mont. State 5522-59	"C"2	C NE NE—36 11N 30E	4,680	Dry	State	*

MUSSELSHELL COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
British-American Oil Prod. Co.	N. P. R. R.	"C"1	C SW SW—13 10N 27E	4,020	Dry	Fee	*
Cardinal Petr. Co.	N. P. Huber	7-12	WC NW SW—7 10N 26E	3,250	Dry	Fee	**
Cardinal Petr. Co.	N. P. R. R.	15-13	C SW SW—15 11N 25E	3,175	Dry	Fee	**
Cardinal Petr. Co.	Kincheloe-Cabeen Explor.	1	C SE NW—34 11N 31E	4,650	Dry	Fee	**
Cardinal Petr. Co.	N. P. R. R.	1-A	SW SW SW—17 11N 31E	4,221	Dry	Fee	*
Cardinal Petr. Co.	Mont. Valley Land Co.	1	EC SW NE—19 11N 31E	4,550	Dry	Fee	*
Champlin Oil & Ref. Co.	N. P. R. R.	3	WC NE NW—17 11N 31E	4,202	Oil	Fee	*
Champlin Oil & Ref. Co.	N. P. R. R.	A-1	NW SW NE—17 11N 31E	4,134	Oil	Fee	*
Champlin Oil & Ref. Co.	Champlin-Cox-N. P. R. R.	4	N/2 SW NW—17 11N 31E	4,250	Oil	Fee	*
Continental Oil Co.	Butts Lease	1	C NE SE—26 11N 30E	4,675	Dry	Fee	*
Continental Oil Co.	Butts	2	C SW SE—26 11N 30E	4,700	Dry	Fee	*
Continental Oil Co.	Stensvad	7	C SE NW—9 11N 31E	5,270	Dry	Fee	*
Continental Oil Co.	N. P.	2	C NE NW—17 10N 28E	4,200	Dry	Fee	**
Davis Oil Company	Holmberg	1	C NW NE—33 10N 30E	4,834	Dry	Fee	**
Gulf Oil Corp.	Eileen DeJaeger	3	EC SE NW—28 11N 31E	4,500	Dry	Fee	*
Honolulu Oil Corp.	Fee	25-13	C SW SW—25 11N 30E	4,718	Oil	Fee	*
Honolulu Oil Corp.	H. & O. Stensvad	25-15	C SW SE—25 11N 30E	4,706	Oil	Fee	*
Honolulu Oil Corp.	H. & O. Stensvad	25-11	C NE SW—25 11N 30E	4,697	Oil	Fee	*
Hose-Austin Drig. Corp.	D. McGregor-F. Butts	1	C SE SE—26 11N 30E	4,655	Dry	Fee	*
Hunt Oil Company	G. A. Anderson	1	SC NE NE—11 11N 30E	5,468	Dry	Fee	**
Miles Jackson, Inc.	Breese	2	C NW SE—19 10N 29E	4,582	Dry	Fee	**
Miles Jackson, Inc.	Butts	1	C SW SW—9 10N 31E	5,051	Dry	Fee	**
Miles Jackson, Inc.	Grebe	1	C NW NW—28 10N 31E	5,219	Dry	Fee	*
Miles Jackson, Inc.	McGregor-Heringer-Eliason	1	C SE SE—13 11N 25E	3,655	Dry	Fee	**
Miles Jackson, Inc.	Hanlon-Church	2	NW NW NW—20 10N 27E	3,149	Oil	Fee	*
Miles Jackson, Inc.	McGregor-Heringer-State	1-16	C SE SE—16 11N 26E	3,790	Dry	State	**
Miles Jackson, Inc.	McGregor-Heringer-Swelin	1	C NW NW—35 11N 26E	3,961	Dry	Fee	**
Miles Jackson, Inc.	Goffena Ranch	1	C SW SW—18 10N 29E	4,510	Dry	Fee	**
Miles Jackson, Inc.	Stensvad	1	C NW SW—10 10N 30E	4,979	Dry	Fee	**
Miles Jackson, Inc.	Hanlon-Church	3-R	NW NE NW—20 10N 27E	3,086	Oil	Fee	*
Juniper Oil & Mining Co.	N. P. R. R.	2	NW NW NE—17 11N 31E	4,267	Dry	Fee	*
Juniper Oil & Mining Co.	Goit	7	C SW NW—9 11N 30E	3,580	Oil	Fee	*
Don McGregor & C. J. Heringer, Jr.	John Loffel	1	C SW SW—32 11N 28E	4,060	Dry	Fee	**
C. T. McLaughlin	James Fulton	1	C NW SW—3 9N 30E	5,030	Dry	Fee	**
Republic Natural Gas Co.	N. P. R. R.	1	C NW SE—31 11N 28E	4,110	Dry	Fee	**
Sumatra Oil Corporation	N. P. R. R.	1	C NW SW—17 11N 31E	4,214	Dry	Fee	*
Sumatra Oil Corporation	Russel E. Smith	1	NC NE NE—33 11N 30E	4,634	Dry	Fee	*
Sumatra Oil Corporation	Suter	1	C NE SE—20 10N 31E	5,153	Dry	Fee	**
Sumatra Oil Corporation	Rex Baker State	1	C SW NW—36 11N 30E	4,715	Dry	State	*
TEXACO Inc.	N. P. B (NCT-1)	14	NE NE NE—19 10N 27E	3,131	Oil	Fee	*
True Oil Company	Minnie	1	C SE SE—4 11N 31E	5,367	Dry	Fee	**

Total of 57 Wells Completed: 43 Dry Holes, 14 Oil Wells; 48 on Fee Lands, 5 on State Lands, 4 on Gov't Lands; 32 Development Wells, 25 Wildcat Wells. Total footage drilled was 250,542 feet.

PETROLEUM COUNTY

Cardinal Petr. Co.	Goffena	1	C SE NE—30 13N 29E	4,152	Dry	Fee	**
E. F. Carnell	Carnell-Charles	1	SE SE NW—21 15N 30E	1,537	Dry	Fee	*
E. F. Carnell	Olson-Jensen-Carnell	1	NW SE NW—21 15N 30E	1,081	Oil	Fee	*
J. R. Padon	Linda Evans	1	C NW NW—35 14N 25E	2,088	Dry	Fee	**
True Oil Co.	Holle	1	C NW NW—27 12N 30E	4,857	Dry	Fee	**

Total of 5 Wells Completed: 4 Dry Holes, 1 Oil Well; 5 on Fee Lands; 2 Development Wells, 3 Wildcat Wells. Total footage drilled was 13,715 feet.

Operator
Saco Municipal Gas Service

Ashland Oil & Ref. Co.
 Gulf States Oil
 J. J. M. Huber Corp.
 J. J. M. Huber Corp.
 Humble Oil & Ref. Co.
 Humble Oil & Ref. Co.
 Miles Jackson, Inc.
 Miles Jackson, Inc.
 Miles Jackson, Inc.
 Miles Jackson, Inc.
 Juniper Oil & Mining Co.
 C. R. McShane

Davis Oil Company
Davis Oil Company
Davis Oil Company
Davis Oil Company
Fidelity Gas Co.
Fidelity Gas Co.
Hose-Austin Drlg. Corp.
Rio Oil Company
Rio Oil Company
Rio Oil Company
Total of 10 Wells Completed: 10 Dry Holes; 2

Total Depth	Status	Type of Lease	Development
745	Gas	Fee	**Wildcat *

Town of Saco

Tribal	1-3	C SW NE—3 31N 6W
Donald Rideout	1	SC SE NE—5 29N 3W
State 4895-56	1	C SE SW—11 27N 3W
Leavitt-Fee	1	C NE NE—4 29N 1W
Stoltz-Marceau	1	C SW SE—3 31N 6W
Stoltz	1	C NW NE—10 31N 6W
Tribal "A"	2	C NE SE—3 31N 6W
Tribal "B"	1	C SE NE—3 31N 6W
Tribal "B"	2	C NE NE—3 31N 6W
Tribal "A"	3	C NW SW—2 31N 6W
Afterbuffalo	1	C SE SW—5 31N 6W
Tribal No. 1092	1	SC SE SE—2 31N 6W
Engelborg Bakken	1	C NW SW—22 26N 1E
Bills	6-B	SW NE NW—31 28N 6W
Prestmo	1	C NW NW—14 29N 3W
Gwanson	1	C NW NE—8 30N 5W
Kingston	1	C SW SW—20 30N 5W
Boucher	1	C NW SW—23 30N 5W
Wheeler	1	C NE NE—19 30N 4W
Mont. "A"	7	SW NW SW—36 28N 5W
A. Shields Twedt	1	C SW SW—2 31N 6W
A. A. Shields Twedt (M-702)	2	NC NW NW—11 31N 6W
I. Johnson	1	EC NE NE—10 31N 6W
I. Johnson	2	C SE NE—10 31N 6W
A. S. Twedt	3	C SW NW—11 31N 6W
I. Johnson NCT-2	1	NC NE NE—11 31N 6W
A. S. Twedt	4	C NW NE—11 31N 6W
I. Johnson NCT-2	2	C SE NE—11 31N 6W
A. S. Twedt	5	C NE NW—11 31N 6W
A. S. Twedt	6	C SW NE—11 31N 6W
A. S. Twedt	8	C SE SW—2 31N 6W
A. S. Twedt	7	C SE NW—11 31N 6W
Hans Erickson	1	SE SW SW—31 28N 3W

Oil Wells; 24 on Fee Lands, 7 on Indian Lands; 21 Development Wells, 12 Wildcat Wells; 1 Successful Wild-

Gas Free

745

3,132	Oil	Indian
2,540	Dry	Fee
2,080	Dry	State
2,200	Dry	Fee
3,099	Oil	Fee
3,270	Oil	Fee
3,165	Oil	Indian
3,247	Oil	Indian
3,250	Oil	Indian
3,134	Oil	Indian
3,565	Dry	Indian
3,159	Oil	Indian
4,085	Dry	Fee
3,425	Dry	Fee
2,426	Dry	Fee
3,302	Dry	Fee
3,242	Dry	Fee
2,808	Dry	Fee
2,600	Dry	State
3,223	Dry	Fee
3,120	Oil	Fee
3,217	Oil	Fee
3,243	Oil	Fee
3,266	Oil	Fee
3,248	Oil	Fee
3,090	Oil	Fee
3,130	Oil	Fee
3,170	Oil	Fee
3,188	Oil	Fee
3,180	Oil	Fee
3,176	Oil	Fee
3,205	Oil	Fee
1,933	Dry	Fee
12	Wildcat Wells	1 Su

Town of Saco

Tribal
Donald Rideout
State 4895-56
Leavitt-Free
Stoltz-Marceau
Stoltz
Tribal "A"
Tribal "B"
Tribal "B"
Tribal "A"
After-Buttalo
Tribal No. 109
angeborg Bak
Bills
Prestmo
Swanson
Kingston
Boucher
Wheeler
Mont. "A"
A. Shields Tw
A. Shields Tw
I. Johnson
I. Johnson
A. S. Tvedt
A. S. Tvedt
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 6C SE NE-5 29N 3W
 C SE SW-11 27N 3W
 C NE-4 29N 1W
 C SW SE-3 31N 6W
 C NW NE-10 31N 6W
 C NE SE-3 31N 6W
 C SE NE-3 31N 6W
 C NE-3 31N 6W
 C NW SW-2 31N 6W
 C SE SW-5 31N 6W
 6C SE SE-2 31N 6W
 C NW SW-22 26N 1E
 C SW NE NW-31 28N 6W
 C NW NW-14 29N 3W
 C NW NE-8 30N 5W
 C SW SW-20 30N 5W
 C NW SW-23 30N 5W
 C NE NE-19 30N 4W
 C SW NW SW-36 28N 5W
 C SW SW-2 31N 6W
 C NW NW-11 31N 6W
 C NE NE-10 31N 6W
 C SE NE-10 31N 6W
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Fee

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Wells; 1 S

PRAIRIE COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Shell Oil Company	N. P. Ry. Co.	42-11B	EC SE NE—11 12N 56E	8,980	Oil	Fee	*
Shell Oil Company	C. D. Edmonson-1041864-Bigs.	13-12B	NW NW SW—12 12N 56E	9,120	Oil	Gov't	*
Shell Oil Company	U.S. 041864 Unit	11-12B	SW NW NW—12 12N 56E	9,175	Oil	Gov't	*
Shell Oil Company	U.S. 041864 Unit	24-12B	NW SE SW—12 12N 56E	9,215	Oil	Gov't	*
Shell Oil Company	U.S. 041864 Unit	44-2B	C SE SE—2 12N 56E	9,182	Oil	Gov't	*
Shell Oil Company	U.S. 041864 Unit	33-2B	SC NW SE—2 12N 56E	9,270	Oil	Gov't	*
Shell Oil Company	N. P. Ry. Co. Unit	44-13B	C SE SE—13 12N 56E	9,207	Oil	Fee	*
Shell Oil Company	N. P. Unit	41X-3B	SC NE NE—3 12N 56E	9,140	Dry	Fee	*

Total of 8 Wells Completed: 1 Dry Hole, 7 Oil Wells; 3 on Fee Lands, 5 on Gov't Lands; 8 Development Wells. Total footage drilled was 73,289 feet.

RICHLAND COUNTY

Sun Oil Company	Hanto	1	C SW NE—18 23N 59E	9,240	Oil	Fee	*
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ROOSEVELT COUNTY

Brinkerhoff Drlg. Co.	Zimmerman	A-1	C SE NW—18 29N 49E	7,750	Dry	Fee	*
Davis Oil Company	Stensland	1	C SE NE—16 31N 47E	7,953	Dry	Fee	*
Davis Oil Company	Rush	1	C SE SE—27 31N 48E	7,974	Dry	Fee	*
Davis Oil Company	Toavs	1	SE SE SE—11 29N 46E	7,735	Dry	Fee	*
El Paso Nat. Gas Prod.	George Funk-Wolf Point	1	C NW NW—24 30N 46E	6,703	Dry	Fee	**
Humble Oil & Ref. Co.	Hauge	1	C SE SE—11 30N 47E	7,745	Dry	Fee	*
Humble Oil & Ref. Co.	Barker	1	C SE NW—9 30N 47E	8,063	Dry	Fee	*
Humble Oil & Ref. Co.	McKee	1	C NW SE—13 30N 47E	9,075	Oil	Fee	*
Humble Oil & Ref. Co.	Phillips-McKee	2	C SE NE—13 30N 47E	7,762	Dry	Fee	*
McAlester Fuel Co.	J. A. Toavs	A-1	C SE NW—8 29N 47E	7,877	Dry	Fee	*
McAlester Fuel Co.	R. W. Gess	A-1	C NW NW—30 31N 47E	7,662	Dry	Fee	*
Murphy Corporation	E. O. Sletvold	1	C SE SE—18 30N 48E	8,470	Oil	Fee	*
Murphy Corporation	R. E. Zimmerman	1	C SE SW—17 30N 48E	7,777	Dry	Fee	*
Murphy Corporation	E. O. Sletvold	2	C SE NE—18 30N 48E	7,777	Oil	Fee	*
Murphy Corporation	R. E. Zimmerman	2	C NW SW—17 30N 48E	7,771	Oil	Fee	*
Murphy Corporation	Bjorgen	1	C SE NW—19 30N 48E	7,755	Dry	Fee	*
Murphy Corporation	Sethre "B"	1	C NW NW—20 30N 48E	7,754	Oil	Fee	*
Murphy Corporation	Mutvold "B"	1	C NW NE—19 30N 48E	7,706	Dry	Fee	*
Phillips Petr. Co.	Spencer A	1	C SE NE—31 30N 48E	7,721	Dry	Fee	*
Placid Oil Co.	L. W. Lough	1	C SE NW—13 30N 47E	7,730	Oil	Fee	*
Placid Oil Co.	A. Hegtvold	1	C NE NE—22 30N 46E	7,528	Dry	Fee	*
Placid Oil Co.	G. Grayson	1	C NW SE—21 29N 47E	7,670	Dry	Fee	*
Placid Oil Co.	J. H. Herting	1	C SE SW—18 30N 48E	7,748	Dry	Fee	*
Placid Oil Co.	L. W. Lough	2	C SE SW—13 30N 47E	7,751	Dry	Fee	**
Signal Drlg. & Exp., Inc.	Nesbit	1	C NE NW—4 31N 51E	8,670	Dry	Fee	**

Total of 25 Wells Completed: 19 Dry Holes, 6 Oil Wells; 25 on Fee Lands; 22 Development Wells. Total footage drilled was 196,133 feet.

ROSEBUD COUNTY

American Climax Petr. Corp.	Gov't Brown Blg's-041899	2	SC SW SE—6 11N 32E	5,660	Oil	Gov't	*
John W. Batts	A. G. Lee	1	C SE SW—14 8N 40E	4,895	Dry	Fee	**
Champlin Oil & Ref. Co.	State 4195-55	1	C SW NW—16 11N 33E	6,047	Dry	State	**
Continental Oil Co.	Roberts	1	C NE NW—2 10N 32E	5,030	Dry	Fee	*
Davis Oil Co.	A. S. Kincheloe	1	C SE SE—8 10N 32E	5,323	Dry	Fee	**
W. J. Goldston	Mont. Fed.	1	SE SE NW—10 11N 31E	70	Dry	Gov't	*

ROSEBUD COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Hose-Austin Drlg. Corp.	Savage Bros.	1	C SE SE—11 12N 33E	5,148	Dry	Fee	**
Hose-Austin Drlg. Corp.	Bones Bros.	1	SC NE SE—21 6S 43E	4,170	Dry	Fee	**
Miles Jackson, Inc.	Savage Land & Livestock Co.	1	C SE SE—22 12N 33E	5,336	Dry	Fee	**
Miles Jackson, Inc.	Lockie-Baker	1	C NW NW—32 12N 33E	5,755	Dry	Fee	**
Miles Jackson, Inc.	Whalen	1	NE NE NE—6 9N 32E	5,800	Dry	Fee	**
Juniper Oil & Min. Co.	Grebe	5	C NW NE—24 11N 32E	4,950	Oil	Fee	*
Juniper Oil & Min. Co.	Mont. State 5936-60	1	C NW NW—32 10N 34E	4,670	Dry	State	*
Juniper Oil & Min. Co.	Magelssen	2	C NE SW—4 9N 34E	4,500	Dry	Fee	*
Juniper Oil & Min. Co.	Ottman	3	C NE SW—25 11N 32E	4,976	Oil	Fee	*
Juniper Oil & Min. Co.	Grebe	7	C NE NW—24 11N 32E	4,973	Oil	Fee	*
Juniper Oil & Min. Co.	Schroeder	1	C SE NW—23 10N 31E	5,289	Dry	Fee	**
C. T. McLaughlin	Boyd Kincheloe	1	C NW NW—1 10N 31E	4,902	Dry	Fee	**
C. T. McLaughlin	State	9	NE NW NE—16 11N 31E	5,345	Dry	State	*
R. P. Oliver, Ltd.	N. P. R. R.	1	NE NW NW—27 4N 39E	7,250	Dry	Fee	**
Caroline Hunt Sands	N. P.	1	SW NE NE—15 2N 40E	3,293	Dry	Fee	**
John Snyder	Eich	2	WC SE NW—19 11N 33E	4,960	Dry	Fee	*
Sumatra Oil Corporation	Eich	1	NW NW NW—19 11N 33E	5,080	Dry	Fee	*
Sumatra Oil Corporation	Lockie Livestock Co.	1	C SW SW—33 13N 35E	4,340	Dry	Fee	**
Ben J. Taylor	Kitzman	1	C SE NE—10 11N 33E	5,941	Dry	Fee	**
Ben J. Taylor	Savage	2	C SW NW—3 11N 33E	5,962	Dry	Fee	**
TEXACO Inc.	Horgen	11	C SW SE—13 11N 32E	4,947	Oil	Fee	*
TEXACO Inc.	E. L. Grebe	14	C NE SE—15 11N 32E	4,930	Dry	Fee	*
TEXACO Inc.	Roy Best	1	C NE NW—22 11N 32E	5,082	Dry	Fee	**
TEXACO Inc.	Mont. State (M-4932) "F"	1	C SE NW—32 7N 39E	6,780	Dry	State	**
TEXACO Inc.	B. M. Horgen	12	C SE SW—13 11N 32E	4,897	Oil	Fee	*
True Oil Co.	Messer	1	C SE NW—4 9N 33E	5,340	Dry	Fee	**
True Oil Co.	Kesterson	1	C SW SW—34 10N 33E	5,045	Dry	Fee	**
Vaughney & Vaughney	A. S. Kincheloe (No. 986)	1-A	C NE SE—34 11N 32E	5,145	Dry	Fee	**
Vaughney & Vaughney	E. L. Grebe (No. 1020)	1	C SE SW—34 12N 32E	5,533	Dry	Fee	**
Vaughney & Vaughney	Kincheloe (No. 987)	2	C NE SW—35 11N 32E	5,170	Oil	Fee	*

Total of 36 Wells Completed: 29 Dry Holes, 7 Oil Wells; 30 on Fee Lands, 4 on State Lands, 2 on Gov't Lands; 16 Development Wells, 20 Wildcat Wells. Total footage drilled was 182,534 feet.

SHERIDAN COUNTY

Calvert Exp. Co.	Siggaard-Fed. Land Bank	1	C SE SE—2 32N 58E	8,060	Dry	Fee	*
Great Northern Drlg. Co., Inc.	Pete Glein	1	C NE NE—13 31N 58E	8,414	Dry	Fee	**
Lyda Hunt-Herbert Trusts	Jens L. Astrup	1	C SE SW—8 32N 59E	7,790	Dry	Fee	*
Mobil Oil Company	Rasmussen	F33-29-P	C NW SE—29 32N 59E	8,070	Dry	Fee	*
Mobil Oil Company	Seven	F-11-28-P	C NW NW—28 32N 59E	8,125	Dry	Fee	*
Phillips Petr. Co.	Andersen	1	C SE SW—13 32N 58E	7,864	Oil	Fee	**
Phillips Petr. Co.	Brinkman A	1	C SE NE—14 32N 58E	7,850	Dry	Fee	*
Phillips Petr. Co.	Brinkman B	1	C SE NE—23 32N 58E	7,912	Oil	Fee	*
Tom A. Schwartz	W. O. Landsrud	1	EC SE NW—30 32N 59E	8,014	Dry	Fee	*
Signal Drlg. & Exp., Inc.	Nustad	1	C NW NW—26 33N 57E	7,671	Dry	Fee	**
Signal Drlg. & Exp., Inc.	Willumsen	1	C SE NE—26 32N 58E	8,017	Oil	Fee	*
Signal Drlg. & Exp., Inc.	Olson	1	C SE NW—24 32N 58E	7,936	Oil	Fee	*
Signal Drlg. & Exp., Inc.	St. Clair	1	C SE SE—13 32N 58E	7,905	Oil	Fee	*
Sinclair Oil & Gas Co.	Marie Hansen	1	C SE NE—24 32N 58E	7,889	Oil	Fee	*
Sun Oil Company	C. Brinkman	1	C SE SE—14 32N 58E	7,819	Oil	Fee	*
Sun Oil Company	F. Henke	1	C SE NW—28 32N 58E	7,855	Dry	Fee	*
I. J. Wilhite	Norris K. Erickson	1	C NW SW—24 33N 58E	7,734	Dry	Fee	**

SHERIDAN COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
I. J. Wilhite	Henry Haaven	1	SE SE NE—26 34N 58E	7,438	Dry	Fee	**
I. J. Wilhite	Dahlstrom	1	C SW SW—3 31N 58E	8,245	Dry	Fee	**
Total of 19 Wells Completed: 12 Dry Holes, 7 Oil Wells; 19 on Fee Lands; 13 Development Wells, 6 Wildcat Wells; 1 Successful Wildcat Well. Total footage drilled was 150,608 feet.							

STILLWATER COUNTY

Belco Petr. Corp.	R. & V. Zindler	1	NW SE NE—18 1N 20E	2,563	Dry	Fee	**
Belco Petr. Corp.	Nellie Van Oosten	1	NW SE SW—1 1S 18E	2,510	Dry	Fee	**
Belco Petr. Corp.	Nelson	1	SW NE NE—34 1S 20E	2,506	Dry	Fee	**
Belco Petr. Corp.	Bokma	1	NE SW NW—2 1S 19E	2,665	Dry	Fee	**
Northern Nat. Gas Prod. Co.	State	1-D	NC NW SE—16 2N 21E	1,242	Dry	State	*
Northern Nat. Gas Prod. Co.	Copulos	1-B	WC NW SE—10 2N 21E	1,251	Dry	Fee	*
Northern Nat. Gas Prod. Co.	Nelles	1-A	C NW SE—27 2N 21E	2,924	Gas	Fee	*
Phillips Petr. Co.	Pearson A	1	EC NW SE—19 4S 17E	5,574	Dry	Fee	**
Shoreline Petr. Corp.	T. Keating, et al	1	C NE NW—21 1S 21E	3,494	Dry	Fee	**
Shoreline Petr. Corp.	C. F. Kirchner No. 90-309	1	C NE SW—4 2N 20E	4,064	Gas	Fee	**
Shoreline Petr. Corp.	R. D. Wodrich	1	C SW NE—5 2N 20E	1,410	Dry	Fee	**
Sinclair Oil & Gas Co.	State Stillwater 34	1	EC NW NE—36 2S 19E	7,765	Dry	State	**
Total of 12 Wells Completed: 10 Dry Holes, 2 Gas Wells; 10 on Fee Lands, 2 on State Lands; 3 Development Wells, 9 Wildcat Wells; 1 Successful Wildcat Well. Total footage drilled was 37,968 feet.							

SWEETGRASS COUNTY

Amerada Petr. Corporation	Hedrick	1	WC NW SE—11 3S 16E	7,486	Dry	Fee	**
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TETON COUNTY

John H. Casey/Milton H. Kuhleman	Molnar	1	C NE NW—21 26N 5W	2,181	Dry	Fee	**
Hannah-Porter	DuBois	8	SE NW NE—26 27N 5W	2,300	Oil	Fee	*
Miles Jackson, Inc.	Yeager Estate	1	C NE NE—23 24N 6W	3,300	Dry	Fee	**
Montalban Oils, Inc.	Marie Larsen	1	C SW NW—11 25N 3W	4,094	Dry	Fee	**
Onstad & Fulton	Jones "A"	1	NC NW SE—2 27N 5W	2,269	Oil	Fee	*
Onstad & Fulton	Rice	5	NE SW NE—26 27N 5W	2,291	Oil	Fee	*
Onstad & Fulton	Rice	6	NW SE NW—26 27N 5W	2,327	Oil	Fee	*
Shell Oil Company	M-09439 Gov't	14-34	C SW SW—34 25N 8W	4,911	Dry	Gov't	**
Sinclair Oil & Gas Co.	Fed. "29" Teton	1	WC SE NE—24 24N 7W	4,407	Dry	Gov't	**
Skelly Oil Company	M. C. Brownell	2	NW NE NW—1 27N 5W	2,194	Oil	Fee	*
Skelly Oil Company	Brownell "A"	1	NW NE SE—2 27N 5W	2,260	Oil	Fee	*
Perl Smith	Louttit	1	NE NE NW—2 27N 5W	2,285	Dry	Fee	**
Perl Smith	Ford	1	SW NW NW—3 27N 5W	2,485	Oil	Fee	*
Total of 13 Wells Completed: 6 Dry Holes, 7 Oil Wells; 11 on Fee Lands, 2 on Gov't Lands; 7 Development Wells, 6 Wildcat Wells. Total footage drilled was 37,304 feet.							

TOOLE COUNTY

A. A. Oil Corporation	Gov't No. 086899	1	SE SE NE—27 37N 2E	1,725	Dry	Gov't	*
Big West Oil Co.	Hansen	1	C NW SE—12 33N 4W	1,920	Dry	Fee	**
Big West Oil Co.	State	1	C SW NE—36 33N 4W	2,241	Gas	State	**
Big West Oil Co.	Skryja	1	C NE—26 33N 4W	2,020	Gas	Fee	*
Cardinal Petr. Co.	Grant	1	C NW SE—3 36N 1E	2,575	Dry	Fee	**
Cardinal Petr. Co.	Flage-Smith	1	C SE SW—11 34N 3E	2,461	Dry	Fee	**
Cardinal Petr. Co.	Anderson	1	C SE NW—24 36N 3E	2,542	Gas	Fee	*
Cardinal Petr. Co.	Henry	1	C NE SE—35 35N 3E	2,502	Dry	Fee	**

TOOLE COUNTY—Continued

Operator	Well Name	Number	Location—Sec-Twp-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment **Wildcat
Cardinal Petr. Co.	Turan Morris "A"	1-A	C SE NE—5 35N 3E	3,144	Dry	Fee	*
Lon Crumley, Trustee	Larson	8	WC NE SE—18 35N 2W	1,630	Oil	Fee	*
Empire State Oil Co.	Kaczmarck	1	NC SE NW—35 31N 1W	1,730	Dry	Fee	**
Empire State Oil Co.	M. Brackett	1	NW SE SE—22 31N 1W	2,092	Dry	Fee	**
R. A. Heintz & M. C. Peterson	A. McLean	1	NE NE NW—24 34N 4W	1,898	Dry	Fee	*
Humble Oil & Ref. Co.	G. Christian Unit	1	C NW SE—12 35N 2E	2,710	Dry	Fee	*
Juniper Oil & Min. Co.	Aloe-State	1	C NE SW—16 34N 4W	2,167	Dry	State	**
McAlester Fuel Co.	Christian	A-1	NE SW NE—9 37N 2E	2,983	Dry	Fee	**
Frank I. Miller	Miller-State	5	NC SE NW—36 34N 1W	1,560	Gas	State	*
Montalban Oils, Inc.	USA Mont. 012735	2-A	NC NW SE—17 35N 2W	1,653	Oil	Gov't	*
Montalban Oils, Inc.	USA Mont. 012735	4	C NW SE—17 35N 2W	1,598	Oil	Gov't	*
Montana Power Company	Frary	3	C SW NE—10 37N 4W	2,540	Gas	Fee	*
Northwest Prod. Corp.	M. M. Neumann	23	SE NW NE—22 35N 2W	1,603	Dry	Fee	*
Northwest Prod. Corp.	M. M. Neumann	24	C N½ NE—22 35N 2W	1,554	Dry	Fee	*
Northwest Prod. Corp.	M. M. Neumann	25	C NE NE—22 35N 2W	1,560	Dry	Fee	*
Northwest Prod. Corp.	M. M. Neumann	26	C E½ NE—22 35N 2W	1,536	Dry	Fee	*
Northwest Prod. Corp.	Lorensen	1	SE NE SE—28 35N 2W	1,541	Dry	Fee	*
Phillips Petr. Co.	Sisk	1	C NW NW—24 31N 3E	2,275	Dry	Fee	**
Phillips Petr. Co.	Cockrell	1	C SW SW—3 30N 3E	2,366	Dry	Fee	**
Phillips Petr. Co.	Benjamin	1	C NE NE—24 31N 2E	2,204	Dry	Fee	**
Duard & Elmer Rossmiller	Pace	1	SW SW NW—28 36N 1W	2,012	Oil	Fee	*
TEXACO Inc.	A. L. McBain	1	C SE NE—10 37N 4W	2,540	Oil	Fee	*
Texas Pacific Coal & Oil Co.	E. M. Reibe	14A	NC NE—4 35N 2W	1,524	Oil	Fee	*
Union Oil Co. of Calif.	F. L. Brown	1	C NE NE—9 37N 2W	4,390	Dry	Fee	**
Total of 32 Wells Completed: 21 Dry Holes, 6 Oil Wells, 5 Gas Wells; 26 on Fee Lands, 3 on Gov't Lands, 19 Development Wells, 13 Wildcat Wells; 1 Successful Wildcat Well. Total footage drilled was 68,796 feet.							

VALLEY COUNTY

Amerada Petr. Corp.	State "H"	1	C SE SW—16 30N 37E	4,350	Dry	State	**
Amerada Petr. Corp.	U.S.A. Bridwell Tract	1	C SW SE—24 30N 39E	5,254	Dry	Gov't	**
Amerada Petr. Corp.	State "I"	1	C SW SW—16 31N 37E	4,228	Dry	State	**
Mobil Oil Company	U.S.A. M-024609	F12-19-G	C SW NW—19 32N 39E	4,747	Dry	Gov't	**
Mule Creek Oil Co.	M-034591 Gov't	31-11	C NW NE—11 29N 40E	6,610	Dry	Gov't	**
Mule Creek Oil Co.	McIntyre	33-19	C NW SE—19 29N 41E	5,250	Dry	Fee	**
Total of 6 Wells Completed: 6 Dry Holes; 1 on Fee Lands, 2 on State Lands, 3 on Gov't Lands; 6 Wildcat Wells. Total footage drilled was 30,439 feet.							

WHEATLAND COUNTY

American Climax Petr. Corp.	Wm. Cooney	31-13	C SW SW—31 6N 16E	6,512	Dry	Fee	**
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WIBAUX COUNTY

Davis Oil Co.	Otis E. Lutts	1	C NW NW—28 11N 60E	10,720	Dry	Fee	**
Chesley Pruett et al	S. Harrison-F. Miske	1	C SW SW—29 13N 60E	10,922	Dry	Fee	**
Shell Oil Company	N. P.	12-19	NE SW NW—19 12N 57E	9,116	Oil	Fee	*
Shell Oil Company	U.S. 041792	14-12A	NW SW SW—12 11N 57E	9,220	Oil	Gov't	*
Total of 4 Wells Completed: 2 Dry Holes, 2 Oil Wells; 3 on Fee Lands, 1 on Gov't Land; 2 Development Wells, 2 Wildcat Wells. Total footage drilled was 39,978 feet.							

YELLOWSTONE COUNTY

Atlantic Ref. Co.	Robert Karman	1	C SE NW—8 7N 32E	6,195	Oil	Fee	*
Century Oil Company	F. P. & F. M. Mackey	1	C NE NW—33 3N 26E	5,500	Dry	Fee	**
Pan American Petr. Corp.	Martin Karman	4	C NW SE—8 7N 32E	6,205	Dry	Fee	*
Total of 3 Wells Completed: 2 Dry Holes, 1 Oil Well; 3 on Fee Lands; 2 Development Wells, 1 Wildcat Well. Total footage drilled was 17,900 feet.							

SUMMARY OF WELLS COMPLETED

JULY 1, 1960 TO JULY 1, 1961

County	Wells Drilled				Type Lease			Classification			Successful Wildcats	Total Footage
	Total	Oil	Gas	Dry	State	Indian	Gov't	Fee	Development	Wildcat		
Big Horn	6			6		1	1	4	1	5		24,398
Blaine	1			1				1	1			100
Carbon	7	1		6				7	1	6		14,453
Carter	6			6			3	3		6		25,788
Daniels	1			1				1		1		8,230
Dawson	11	10		1			9	2	10	1		101,413
Fallon	44	39	1	4	3		16	25	43	1		387,221
Fergus	3			3				3		3		8,590
Garfield	2			2			1	1	1	1		5,420
Glacier	36	16	2	18	1	19	3	13	30	6	1	135,982
Golden Valley	1			1				1	1			5,962
Hill	3			3				3	3			13,611
Judith Basin	5			5				5		5		15,937
Liberty	7	2	1	4	1		3	3	4	3		19,409
McCone	1			1				1		1		9,412
Musselshell	57	14		43	5		4	48	32	25		250,542
Petroleum	5	1		4				5	2	3		13,715
Phillips	1		1					1	1			745
Pondera	33	20		13	2	7		24	21	12	1	56,570
Powder River	10			10			8	2		10		61,079
Prairie	8	7		1			5	3	8			73,289
Richland	1	1						1	1			9,240
Roosevelt	25	6		19				25	22	3		196,133
Rosebud	36	7		29	4		2	30	16	20		182,534
Sheridan	19	7		12				19	13	6	1	150,608
Stillwater	12		2	10	2			10	3	9	1	37,968
Sweetgrass	1			1				1		1		7,486
Teton	13	7		6			2	11	7	6		37,304
Toole	32	6	5	21	3		3	26	19	13	1	68,796
Valley	6			6	2		3	1		6		30,439
Wheatland	1			1				1		1		6,512
Wibaux	4	2		2			1	3	2	2		39,978
Yellowstone	3	1		2				3	2	1		17,900
Totals	401	147	12	242	23	27	64	287	244	157	5	2,016,764

WELLS COMPLETED FROM JULY 1, 1961 TO JULY 1, 1962

BIG HORN COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
King-Stevenson Gas & Oil Co.	No. 14-20-0252-1775 Crow Indian	1-36	SW NW NE—36 9S 37E	4,837	Dry	Indian	**

BLAINE COUNTY

Mule Creek Oil Co., Inc.	Loretta K. Gordon	1	C SW NE—13 30N 19E	3,025	Dry	Fee	**
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CARBON COUNTY

Alco Oil & Gas Corp.	Knox Gibson	1	SE SE SW—2 4S 23E	1,397	Dry	Fee	**
C. E. Brehm	Alice E. Plunket, et al	1	C NW NW—33 9S 25E	4,105	Dry	Fee	**
Cardinal Petr. Co.	U.S. Gov't	1	Lot 4 SW SW—19 8S 24E	2,960	Dry	Gov't	**
Continental Oil Co.	Conoco-Croft-Lewis 2	1	C SE SE—2 9S 25E	1,647	Dry	Fee	**
J. G. Dyer	Jake & Amelia Hahn	1	C NE NW—15 7S 23E	1,994	Dry	Fee	**
Empire State Oil Co.	N. P. R. R.	1	C SW SW—11 7S 21E	5,147	Dry	Fee	*
Empire State Oil Co.	Fed.-Barker	1	SW NE SE—34 6S 21E	4,925	Dry	Gov't	**
Pan American Petr. Corp.	Elk Basin Unit	187	NW SE SW—36 9S 23E	6,474	Oil	Fee	*
Pan American Petr. Corp.	Elk Basin Unit	188	SE SE NE—35 9S 23E	6,256	Oil	Fee	*
Pan American Petr. Corp.	Elk Basin Unit	191	NW NE NW—35 9S 23E	6,033	Oil	Fee	*
Pubco Petr. Corp.	Fed. M-020574 Snyder	1	SC SW NE—14 7S 21E	2,960	Dry	Gov't	**
Shrake & McKown	Fed.-Mont. 027962	1	Lot 2 NW SE—34 9S 26E	153	Dry	Gov't	**
Shrake & McKown	Fed.-Mont. 027962	2	Lot 8 SE SE—34 9S 26E	510	Dry	Gov't	**
Shrake & McKown	Fed. 027962	3	C NE NE—27 9S 26E	1,430	Dry	Gov't	**
Skinner Corp.	M. N. Gray	1	C SW SW—30 9S 25E	5,417	Dry	Fee	**
Superior Oil Co.	Shoemaker	34-15	C SW SE—15 7S 23E	2,766	Dry	Fee	**

Total of 16 Wells Completed: 13 Dry Holes, 3 Oil Wells; 10 on Fee Lands, 6 on Gov't Lands; 4 Development Wells, 12 Wildcat Wells. Total footage drilled was 54,176 feet.

CARTER COUNTY

Davis Oil Co.	R. A. Dinstel	1	EC SW SW—28 8S 55E	6,423	Dry	Fee	**
Davis Oil Co.	Mont. 014389 Gov't-Hagman	1	C NW NW—15 9S 56E	4,175	Dry	Gov't	**
R. H. Scott (Miles Jackson, Agent)	Gov't	1	SC NE NE—20 8S 57E	4,908	Dry	Gov't	**
Signal Oil & Gas Co.	Fee (Erickson et al)	12-19	EC SW NW—19 9S 58E	2,881	Dry	Fee	**
Sinclair Oil & Gas Co.	George M. Nuhn	1	SC SW SW—20 7S 58E	2,100	Dry	Fee	**
Sumatra Oil Corp.	Aldrich	1	C NE NE—10 7S 55E	4,767	Dry	Fee	**
Superior Oil Co.	Gov't Stirling	31-3	C NW NE—3 7S 59E	5,669	Dry	Gov't	**

Total of 7 Wells Completed: 7 Dry Holes; 4 on Fee Lands, 3 on Gov't Lands; 7 Wildcat Wells. Total footage drilled was 30,923 feet.

CUSTER COUNTY

British-American Oil Prod. Co.	Headwater	1	C NE NE—3 1N 45E	5,870	Dry	Fee	**
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DAWSON COUNTY

Great Western Drlg. Co.	Pine	1	C SE SW—1 13N 55E	8,946	Oil	Gov't	*
Shell Oil Company	Jones & Hughes et al Unit	42-28	NE SE NE—28 14N 55E	9,140	Oil	Fee	*
Shell Oil Company	U.S. 011687 Unit	44-34	C SE SE—34 14N 55E	9,005	Oil	Gov't	*
Shell Oil Company	State 2402-49	13-16	C NW SW—16 14N 55E	9,060	Oil	State	*
Shell Oil Company	U.S. 011687	33-34	C NW SE—34 14N 55E	9,025	Oil	Gov't	*
Shell Oil Company	Unit	24-27	EC SE SW—27 14N 55E	9,120	Oil	Gov't	*

DAWSON COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
Shell Oil Company	Unit (Jones-Huges et al)	24-21	C SE SW—21 14N 55E	9,012	Oil	Gov't	*
Shell Oil Company	Unit (Jones-Huges et al)	22-34	C SE NW—34 14N 55E	9,046	Oil	Fee	*
Shell Oil Company	Evans-Gov't 041098 Unit 44X-21R	42-34	SW SE SE—21 14N 55E	9,175	Oil	Gov't	*
Shell Oil Company	Unit U.S. 011686	31-28	EC SE NE—34 14N 55E	9,140	Oil	Gov't	*
Shell Oil Company	Unit (N. P.)	13-21	WC NW NE—28 14N 55E	9,030	Oil	Gov't	*
Shell Oil Company	W. A. Reinart	23-6	NE NW SW—21 14N 55E	9,100	Dry	Fee	*
TEXACO Inc.	N. P. "G" (NCT-12)	1	C NE SW—6 14N 55E	9,100	Dry	Fee	*
TEXACO Inc.	N. P. "G" (NCT-12)	2	WC NE SW—17 16N 54E	9,835	Oil	Fee	**
TEXACO Inc.	R. C. Condit	1	SC SW NW—17 16N 54E	9,900	Oil	Fee	*
Whitehall Oil Co., Inc.	N. P. Ry. Co.	1	C SW SW—8 16N 54E	9,934	Oil	Fee	*
			SW NW—25 15N 55E	9,950	Dry	Fee	**

Total of 17 Wells Completed; 3 Dry Holes, 14 Oil Wells, 8 on Gov't Lands, 15 Development Wells, 2 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 157,518 feet.

FALLON COUNTY

Continental Oil Co.	Conoco-N. P. A-1	1	C SE SE—1 7N 59E	8,853	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-29	2	C SE SW—29 7N 60E	8,851	Oil	Fee	**
Continental Oil Co.	Conoco-N. P. A-7	3	C NW NW—7 7N 60E	8,900	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-19	6	C SE NE—19 7N 60E	8,840	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-19	8	C SE SE—19 7N 60E	8,870	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-29	7	C SE NW—29 7N 60E	8,850	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-31	4	C SE SW—31 8N 60E	8,900	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-17	9	C SE SW—17 7N 60E	8,900	Oil	Fee	*
Continental Oil Co.	Cont. Fed.	2	C SE NE—32 7N 60E	8,850	Oil	Gov't	*
Continental Oil Co.	Conoco-N. P. A-29	10	C SE SE—29 7N 60E	8,870	Oil	Fee	*
Continental Oil Co.	N. P. A-7	11	WC SE NW—7 7N 60E	8,870	Oil	Fee	*
Continental Oil Co.	N. P. A-31	14	WC SE NW—31 8N 60E	8,900	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-7	15	C SE SE—7 7N 60E	8,887	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-19	20	C SE NW—19 7N 60E	8,820	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-17	17	C SE NW—17 7N 60E	8,900	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-7	22	C SE NE—7 7N 60E	8,965	Oil	Fee	*
Continental Oil Co.	Conoco-N. P. A-19	23	WC SE SW—19 7N 60E	8,850	Oil	Fee	*
Continental Oil Co.	Federal	1	C SE NW—32 7N 60E	8,850	Oil	Gov't	*
Shell Oil Company	U.S. 025044B (Warren et al 2)	13-23	SC NW SW—23 8N 59E	10,307	Oil	Gov't	*
Shell Oil Company	U.S. 023250-A Unit	11-8	C NW NW—8 4N 62E	8,465	Oil	Gov't	*
Shell Oil Company	N. P.	12X-5	SW SW NW—5 10N 58E	9,160	Oil	Fee	*
Shell Oil Company	MDU Agmt N. P. Unit	44-19	WC SE SE—19 4N 62E	8,606	Oil	Fee	*
Shell Oil Company	Fred Schwenk	42-12A	C SE NE—12 7N 59E	8,860	Oil	Fee	*
Shell Oil Company	U.S. 023983 B (Hildebrand-2)	44-14	C SE SE—14 8N 59E	9,000	Oil	Gov't	*
Shell Oil Company	Sodergren	24-26	NE SE SW—26 8N 59E	9,020	Dry	Fee	*
Shell Oil Company	023250 (b)	44-6	C SE SE—6 4N 62E	8,490	Oil	Gov't	*
Shell Oil Company	Gov't Warren	42-23	C SE NE—23 8N 59E	8,967	Oil	Gov't	*
Shell Oil Company	Gov't MDU	44-11	C SE SE—11 8N 59E	9,087	Oil	Gov't	*
Shell Oil Company	Unit 8B	33-19	NC NW SE—19 4N 62E	8,624	Oil	Fee	*
Shell Oil Company	Sinclair	33-22	C NW SE—22 8N 59E	8,960	Dry	Fee	*
Shell Oil Company	N. P. Hildebrand Gov't	14-14	C SW SW—14 9N 58E	9,012	Oil	Gov't	*
Shell Oil Company	U.S. 038490	24-14	C SE SW—14 8N 59E	8,974	Oil	Gov't	*
Shell Oil Company	Unit 8B	24-5	C SE SW—5 4N 62E	8,525	Oil	Gov't	*
Shell Oil Company	Gov't MEPL 027575 B	24-24	C SE SW—24 8N 59E	8,910	Oil	Gov't	*
Shell Oil Company	Unit	23-34	C NE SW—34 5N 61E	8,583	Oil	Gov't	*
Shell Oil Company	Gov't Haney	24-13	C SE SW—13 8N 59E	9,069	Oil	Gov't	*

FALLON COUNTY—Continued

Classification
* Development
** Wildcat

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease
Shell Oil Company	Unit	31X-32	Lot 1 NW NE—32 4N 62E	8,550	Oil	Gov't
Shell Oil Company	Gov't-MDU	24-11	C SE SW—11 8N 59E	8,948	Oil	Gov't
Shell Oil Company	U.S. 020543 (a) Unit	12-34	C SW NW—34 5N 61E	8,506	Oil	Gov't
Shell Oil Company	Unit	13-5	C NW SW—5 4N 62E	8,530	Fee	
Shell Oil Company	U.S. 023250 (b) Unit	22-20	C SE NW—20 4N 62E	8,700	Dry	Gov't
Shell Oil Company	N. P. Unit	14-27	C SW SW—27 5N 61E	8,540	Oil	Fee
Shell Oil Company	C. Russel	24-20B	C SE SW—20 7N 60E	8,910	Oil	Fee
Shell Oil Company	MDU et al	44-18B	C SE SE—18 7N 60E	8,880	Oil	Fee
Shell Oil Company	MDU-N. P. Unit	43-3	C NE SE—3 4N 61E	8,581	Oil	Fee
Shell Oil Company	Gov't-MDU Agm't Unit	32-28	C SE NE—28 5N 61E	8,520	Oil	Gov't
Shell Oil Company	Severson	22-20B	C SE NW—20 7N 60E	8,925	Oil	Fee
Shell Oil Company	H. Zook	24-28	SC SE SW—28 7N 60E	8,990	Oil	Fee
Shell Oil Company	G. Smart Unit	44-32	C SE SE—32 7N 60E	8,920	Oil	Fee
Shell Oil Company	U.S. 020543 (A)	34-34	C SW SE—34 5N 61E	8,588	Oil	Gov't
Shell Oil Company	M.D.U.	24-18B	C SW SE SW—18 7N 60E	8,815	Oil	Fee
Shell Oil Company	Shirley-Ovens	24-6B	WC SE SW—6 7N 60E	8,900	Oil	Fee
Shell Oil Company	MDU et al	24-7B	NW SE SW—7 7N 60E	8,840	Oil	Fee
Shell Oil Company	Bott-Gov't B-020343A	34-6	NC SW SE—6 5N 61E	8,640	Dry	Gov't
True Oil Company	N. P.-Plevna	1	C NE SW—29 5N 60E	8,940	Dry	Fee

Total of 55 Wells Completed: 5 Dry Holes, 50 Oil Wells, 34 on Fee Lands, 21 on Gov't Lands; 52 Development Wells, 3 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 486,568 feet.

FERGUS COUNTY

Great Northern Drlg. Co., Inc.	Charles Willis	1	C SW SE—10 21N 20E	4,678	Dry	Fee
Pure Oil Company	August Tesarek	1	EC NW NE—26 19N 13E	4,647	Dry	Fee
Pure Oil Company	J. C. Van Egmond	1	WC NE NE—34 19N 12E	3,080	Dry	Fee

Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 3 Wildcat Wells. Total footage drilled was 12,405 feet.

GARFIELD COUNTY

Anschutz Oil Co., Inc.	N. P. Ry. Co.	1	C NW NW—21 13N 34E	4,500	Dry	Fee
Cardinal Petr. Co.	Savage Ranch	4	C NW NW—22 13N 33E	4,960	Dry	Fee
Phillips Petr. Co.	N. P.	1-R	NE SW NW—31 14N 34E	5,885	Dry	Fee
Union Oil Co. of Calif.	Union-N. P. R. R.	1	C NW SW—5 15N 40E	7,700	Dry	Fee

Total of 4 Wells Completed: 4 Dry Holes; 4 on Fee Lands; 4 Wildcat Wells. Total footage drilled was 23,045 feet.

GLACIER COUNTY

Cardinal Petr. Co.	Tribal	1	C SW NE—33 36N 6W	3,325	Dry	Indian
Cardinal Petr. Co.	McAlpine	1	C NE SW—3 37N 5W	2,816	Oil	Fee
Cardinal Petr. Co.	Tribal-Contract 1013	5-35	C SW NW—35 33N 6W	3,277	Dry	Indian
Cardinal Petr. Co.	Swenson	1	C NW NW—11 37N 5W	2,900	Dry	Fee
Cardinal Petr. Co.	Swensen "A"	1	C SW SE—3 37N 5W	2,872	Dry	Fee
Essex Oil Company	Madeline Thompson	3	SE SW SW—11 37N 5W	2,751	Oil	Fee
Essex Oil Company	Thompson	4	C NW SW—11 37N 5W	3,149	Oil	Fee
G. S. & B. L. Frary	Margaret Chatterton	1	C NW NW—15 32N 6W	3,430	Oil	Fee
Great Northern Drlg. Co., Inc.	H. J. Tuma	1	C NE SE—9 37N 5W	3,120	Dry	Fee
Great Northern Drlg. Co., Inc.	Two Medicine Creek	1	WC SE NW—19 31N 11W	9,453	Oil	Indian
R. L. Hoss	Van Demark	1	EC NW SW—15 32N 5W	2,964	Oil	Fee
Humble Oil & Ref. Co.	McAlpine	5	C NE NW—11 37N 5W	2,920	Oil	Fee
Humble Oil & Ref. Co.	Moberly	4	C SW NE—2 37N 5W	2,965	Dry	Fee

GLACIER COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Humble Oil & Ref. Co.	McAlpine	6	C NW SW—2 37N 5W	2,940	Oil	Fee	*
Miles Jackson, Inc.	Berkram	1	C SW NW—11 37N 5W	2,834	Oil	Fee	*
Kullberg & Othhouse, Inc.	Northland	1	C NE SW—22 37N 5W	2,598	Dry	Fee	*
Kullberg & Othhouse, Inc.	Tribal 14-20-251-1591	1	NE NW NW—1 35N 7W	3,592	Dry	Indian	**
Moberly-Pattie-Hannah	Ralph-Swensen	2	NW SE SE—10 37N 5W	2,670	Oil	Fee	*
Montana Power Co.	Tribal 355	29	SE NW NE—16 37N 7W	3,710	Oil	Indian	*
Phillips Petr. Co.	SW Cut Bank Sand Unit	90-W7	NW SW SE—30 32N 5W	3,035	Dry	Fee	*
Texota Oil Company	Tribal	F-1	C NE SW—34 32N 6W	3,507	Oil	Indian	*
Texota Oil Company	Tribal	F-2	C NW SE—34 32N 6W	3,430	Oil	Indian	*
Texota Oil Company	Tribal	G-1	C SE NE—34 32N 6W	3,275	Oil	Indian	*
Texota Oil Company	Tribal	E-2	C NW SW—34 32N 6W	3,498	Oil	Indian	*
Texota Oil Company	Tribal	E-3	C SW SW—34 32N 6W	3,409	Oil	Indian	*
Trigood Oil Company	Tribal 1134	3	C SE SE—33 32N 6W	3,289	Oil	Indian	*
Trigood Oil Company	Tribal 1134	4	C SE SE—16 36N 6W	3,527	Oil	Indian	*
Union Oil Co. of Calif.	All. 2605	1	WC SE NE—31 36N 5W	3,330	Oil	Indian	*
Union Oil Co. of Calif.	McGuinness Unit No. 12	12	SC NE SE—24 36N 6W	3,159	Dry	Fee	*
Union Oil Co. of Calif.	Stufft No. 417	1-A	C NW NW—22 36N 6W	3,149	Oil	Fee	*
Union Oil Co. of Calif.	Allotted 2605	2	WC NE SW—18 36N 5W	3,340	Oil	Gov't	*
Union Oil Co. of Calif.	Stufft No. 416	9		3,086	Oil	Fee	*

Total of 32 Wells Completed: 10 Dry Holes, 22 Oil Wells; 18 on Fee Lands, 1 on Gov't Lands, 13 on Indian Lands; 30 Development Wells, 2 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 107,320 feet.

GOLDEN VALLEY COUNTY

Sinclair Oil & Gas Co.

P. A. Sieg

Fee

**

HILL COUNTY

Gordon Hurd

James W. Davey

Fee

**

JUDITH BASIN COUNTY

The Pure Oil Company

C. J. Bechtold

Fee

**

LIBERTY COUNTY

Cabene Exploration Corp.
 Cardinal Petr. Co.
 Cardinal Petr. Co.
 Cardinal Petr. Co.
 Cardinal Petr. Co.
 Cardinal Petr. Co.
 Cardinal Petr. Co.
 Cardinal Petr. Co.
 Phillips Petr. Co.
 Phillips Petr. Co.
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 Shell Oil Company
 Shell Oil Company
 Shell Oil Company

Lange
 Corcoran-Gray-Darrow
 State-Darrow
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 State-Darrow
 State-Darrow
 State-Darrow
 State-Darrow
 Eggers
 Chester
 Chester
 Liberty
 Chester
 Chester
 I. Wallace et al
 I. Wallace et al
 C. M. Iverson

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 15-9
 2-16
 10-9
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 11
 16

C SE SE—7 36N 6E
 NC Lot 7—6 36N 6E
 C SE SE—9 37N 5E
 SC NE SE—9 37N 5E
 EC SW SE—9 37N 5E
 NC NW NE—16 37N 5E
 SC NW SE—9 37N 5E
 SE SE SW—9 37N 5E
 C SE SE—20 37N 6E
 C SE SE—7 30N 5E
 C NW NW—8 31N 5E
 C NE NE—30 37N 6E
 C SW NW—26 32N 4E
 C NW NE—12 30N 4E
 NC NE NE—8 37N 4E
 NC SW SW—9 37N 4E
 SW SE NW—7 37N 4E

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Total of 17 Wells Completed: 8 Dry Holes, 9 Oil Wells; 11 on Fee Lands, 6 on State Lands; 11 Development Wells, 6 Wildcat Wells. Total footage drilled was 49,004 feet.

McCONE COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop-ment **Wildcat
Gulf States Oil Co.	T. M. Hudiburgh et al	1	NW SE SE—27 22N 48E	9,628	Oil	Fee	*
Gulf States Oil Co.	Welcome Curtiss	2	SE NW SW—26 22N 48E	9,287	Oil	Fee	*
W. A. Moncrief & Alco Oil & Gas Corp.	Sunray Gov't	1	C SW SW—18 22N 44E	7,017	Dry	Gov't	**
The Pure Oil Co.	Leuenberger	1	C NW NE—30 24N 49E	9,557	Dry	Fee	**
Sunray Mid-Continent Oil Co.	John W. White	1	WC NW SW—17 25N 45E	7,126	Dry	Fee	**

Total of 5 Wells Completed: 3 Dry Holes, 2 Oil Wells; 4 on Fee Lands, 1 on Gov't Lands; 2 Development Wells, 3 Wildcat Wells. Total footage drilled was 42,615 feet.

MUSSELSHELL COUNTY

Amerada Petr. Corp.	A. K. Johnson	1	NC SW NE—21 10N 25E	7,422	Dry	Fee	**
Amerada Petr. Corp.	Charles Alt	1	C NW SW—29 10N 26E	7,981	Dry	Fee	**
American Metal Climax, Inc.	Hougen, et al	4(U-26-13)	C SW SW—26 10N 29E	4,605	Dry	Fee	*
American Metal Climax, Inc.	DeJaegher	32-6	C SE NW—32 11N 31E	4,695	Oil	Fee	*
American Metal Climax, Inc.	DeJaegher	5-4	C NW NW—5 10N 31E	4,785	Oil	Fee	*
American Metal Climax, Inc.	Fed. Mont. 01896-A	30-1	C NE NE—30 10N 30E	4,923	Dry	Gov't	**
American Metal Climax, Inc.	DeJaegher	32-4	C NW NW—32 11N 31E	4,700	Dry	Fee	*
Lawrence Barker, Jr.	Hoffman	1	NW NW SE—29 11N 31E	4,703	Oil	Fee	*
British-American Oil Prod. Co.	U.S.A. Blds. 042229	1	C NW NE—12 10N 27E	3,985	Dry	Gov't	**
Cardinal Petr. Co.	Stanley Birck et al	1	NE NW NE—24 10N 26E	3,131	Dry	Fee	*
Cardinal Petr. Co.	Russell	1	C SE SE—9 10N 27E	3,907	Dry	Fee	**
Cardinal Petr. Co.	John Loffel	1	C NW SW—34 11N 28E	4,042	Dry	Fee	**
Cardinal Petr. Co.	C. M. Hall	1-A	C SW SW—6 10N 28E	3,905	Oil	Fee	**
Cardinal Petr. Co.	Hougen	1	C NE SE—7 11N 27E	4,400	Dry	Fee	**
Cardinal Petr. Co.	N. P.	9-7	C NE NE—30 10N 31E	3,823	Dry	Fee	**
Cardinal Petr. Co.	Harvey	1	C NE NE—32 10N 30E	5,240	Dry	Fee	**
Colorado Oil & Gas Corp.	Speck	1	C NW NE—6 10N 31E	4,923	Dry	Gov't	*
Continental Oil Co.	Gov't 6	2	C NW SE—32 11N 31E	4,661	Dry	Gov't	*
Continental Oil Co.	Gov't 32	10	C SW SW—9 11N 31E	5,607	Dry	Fee	*
Continental Oil Co.	Stensvad	8	C SE SE—32 11N 31E	4,662	Dry	Gov't	*
Continental Oil Co.	Gov't 040558-B	3	C NW NE—7 10N 31E	4,950	Dry	Fee	*
Continental Oil Co.	Conoco-Barker-Smith	1	C NE SE—32 11N 30E	4,792	Dry	Gov't	*
Great Northern Drlg.	Larry O. Woods Gov't	1	C NE SE—32 11N 28E	3,888	Dry	Fee	**
Miles Jackson, Inc.	Loffel	1	SE SE NE—18 10N 27E	2,992	Dry	Fee	*
Miles Jackson, Inc.	Ness-Chief Mountain	4	C NW NE—8 10N 31E	4,999	Dry	Gov't	*
Miles Jackson, Inc.	Federal	1	NC SE SW—9 11N 30E	3,730	Oil	Fee	*
Juniper Oil & Min. Co.	Goit	8	C SW SW—9 11N 30E	3,745	Oil	Fee	*
Juniper Oil & Min. Co.	Goit	9	C NW NE—9 11N 30E	3,717	Oil	Fee	*
Juniper Oil & Min. Co.	Goit	10	C NE NW—1 10N 30E	4,873	Dry	Fee	*
Kirby Royalties, Inc.	Butts	1	C NE SW—1 10N 30E	4,800	Dry	Fee	*
Kirby Royalties, Inc.	Butts	2	NC NE SW—32 11N 28E	4,002	Dry	Fee	**
McAlester Fuel Co.	Loffel	A-1	C SW NE—25 11N 30E	4,670	Dry	Fee	*
Pan American Petr. Corp.	O. & H. Stensvad	4	C NE SE—25 11N 30E	4,637	Dry	Fee	*
Pan American Petr. Corp.	H. L. Stensvad	5	C SE SE—7 11N 30E	3,770	Dry	Fee	*
States Oil Company	A. J. Barney et al	1	C NW NW—36 11N 30E	4,675	Oil	State	*
Sumatra Oil Corp.	Rex Baker State	2	C NW NE—26 10N 30E	5,115	Dry	Fee	**
Sumatra Oil Corp.	Hoover	1	C SW SW—3 9N 31E	5,816	Dry	Fee	**
Sumatra Oil Corp.	N. P.	1	C SE SW—28 11N 31E	4,505	Dry	Fee	*
Sumatra Oil Corp.	DeJaegher	1	C SE NE—2 10N 30E	4,890	Dry	Fee	*
Sumatra Oil Corp.	Stensvad	4	C SE NW—30 11N 31E	4,725	Dry	Gov't	*
Sumatra Oil Corp.	Gov't	1	C SW NE—2 10N 30E	4,779	Dry	Fee	*
Sumatra Oil Corp.	Stensvad	5	SW SW SW—17 10N 27E	3,155	Oil	Fee	*
TEXACO Inc.	N. P. "B" (NCT-3)	1					*

MUSSELSHELL COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
TEXACO Inc.	A. S. Zoerb	4	SE SE SE—18 10N 27E	3,115	Oil	Fee	*
TEXACO Inc.	N. P. "B" (NCT-3)	2	SW NE SW—17 10N 27E	3,175	Oil	Fee	*
TEXACO Inc.	Gov't Zaerr	2	NE NW NE—20 11N 31E	4,245	Oil	Gov't	*
TEXACO Inc.	W. H. Manion	5	C SW SE—9 11N 30E	3,735	Oil	Fee	*
TEXACO Inc.	Dusenberry	1	NE NE NE—24 10N 26E	3,200	Oil	Fee	*
TEXACO Inc.	State "G"	1	WC NE NW—16 11N 30E	3,905	Dry	State	*

Total of 49 Wells Completed: 35 Dry Holes, 14 Oil Wells; 38 on Fee Lands, 2 on State Lands, 9 on Gov't Lands; 35 Development Wells, 14 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 219,300 feet.

PETROLEUM COUNTY

Signal Drlg. & Expl., Inc.	Clauson	1	C NE NE—33 13N 28E	3,215	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Alvin Clauson	1	SE SW NE—21 13N 28E	3,145	Dry	Fee	**
Signal Drlg. & Expl., Inc.	State Scott (6489-61)	1	C NW NE—20 13N 29E	3,491	Dry	State	**
Texas National Petr. Co.	Pradd	1	NW NW NE—9 15N 29E	2,080	Dry	Fee	*

Total of 4 Wells Completed: 4 Dry Holes; 3 on Fee Lands, 1 on State Land; 1 Development Well, 3 Wildcat Wells. Total footage drilled was 11,931 feet.

PHILLIPS COUNTY

W. B. Guyer	Johnson	1	C SW SW—8 35N 34E	3,595	Dry	Fee	**
Jas. F. Smith	Federal	1-14	C SW SW—14 31N 31E	2,375	Dry	Gov't	**
Jas. F. Smith	Federal	1-29	C NE NE—29 31N 33E	2,705	Dry	Gov't	**
Jas. F. Smith	Mont. 046874	1-22	C SW NE—22 30N 31E	3,406	Dry	Gov't	**
United Western Oil & Gas Co.	State 6433-61	16-1	C SE SE—16 37N 30E	6,580	Dry	State	**

Total of 5 Wells Completed: 5 Dry Holes; 1 on Fee Land, 1 on State Land, 3 on Gov't Lands; 5 Wildcat Wells. Total footage drilled was 18,661 feet.

PONDERA COUNTY

Ashland Oil & Ref. Co.	Tribal 3-3	3-3	WC NW NE—3 31N 6W	3,106	Dry	Indian	*
Ashland Oil & Ref. Co.	Tribal	2-3	C NW SE—3 31N 6W	3,115	Oil	Indian	*
Cardinal Petr. Co.	Sprague	1	C NE SE—27 28N 5W	2,924	Dry	Fee	**
Cardinal Petr. Co.	Wagner	1	C NW SW—17 31N 6W	3,700	Dry	Fee	**
Cardinal Petr. Co.	Robert Ryan	1	C SE SE—30 30N 6W	3,770	Dry	Fee	**
Exploration Drlg. Co.	Tribal O&G 0251-1186	1	C SE SW—6 31N 5W	3,255	Oil	Indian	*
Farmers Union Cent. Exchange	State 6444-61	1	C NE SE—36 30N 1W	4,471	Dry	State	**
Miles Jackson, Inc.	White Grass	1	C NW SE—10 31N 6W	3,380	Oil	Fee	*
Miles Jackson, Inc.	White Grass	2	C NE SE—10 31N 6W	3,275	Oil	Fee	*
Miles Jackson, Inc.	Tribal	1-1086	SC NE SE—2 31N 6W	3,110	Oil	Indian	*
Miles Jackson, Inc.	Tribal	1-1085	EC NW SW—1 31N 6W	3,180	Oil	Indian	*
Miles Jackson, Inc.	Owltopfeathers	1	EC NW NE—4 31N 6W	3,203	Oil	Indian	*
Miles Jackson, Inc.	Surechief	1	C NE NE—4 31N 6W	3,252	Oil	Fee	*
Montalban Oils, Inc.	Richard Johnson	1	C SE NW—7 27N 2W	4,410	Dry	Fee	*
Montalban Oils, Inc.	McCracken	1	C SW SE—18 29N 1W	4,510	Dry	Fee	**
Montalban Oils, Inc.	Fred Banka	SB1	C NE SW—6 27N 2W	1,655	Dry	Fee	**
States Oil Co.	James J. Milne	1	C NW SE—14 30N 7W	4,068	Dry	Fee	**
TEXACO Inc.	H. Johnson NCT-2	3	C NW NW—12 31N 6W	3,015	Dry	Fee	**
Texas Alberta Oil Corp.	Harvey Weikum	1	SW SW SE—27 27N 2W	1,810	Dry	Fee	**
Texas Alberta Oil Corp.	Emil A. Schlepp	4B-22	SW SW SW—22 27N 2W	1,586	Oil	Fee	*
Yeager Land & Livestock Co.	Yeager Ld. & Ls. Co.	1	NE SW SW—33 29N 3W	1,382	Gas	Fee	**

Total of 21 Wells Completed: 11 Dry Holes, 9 Oil Wells, 1 Gas Well; 14 on Fee Lands, 1 on State Land, 6 on Indian Lands; 12 Development Wells, 9 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 66,177 feet.

POWDER RIVER COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Davis Oil Co.	Mont. 038281-Fed. Franklin	1	WC SW SW—6 7S 52E	7,370	Dry	Gov't	**
Davis Oil Co.	Mont. 014032-Gov't H. Gay	1	SW NW NW—25 7S 48E	8,373	Dry	Gov't	**
Donnell Drig. Co.	D-2 Portwine	1	C SW SW—5 9S 50E	8,361	Dry	Fee	**
Farmers Union Central Exch., Inc.	Fed. M-014143-Moffat	1	WC NE NE—31 5S 53E	6,861	Dry	Gov't	**
Gulf Oil Corp.	Bales	1	C NE NW—11 9S 45E	11,250	Dry	Fee	**
Hose-Austin Drig. Corp.	Gov't Mont. 06216	1	C SW SE—18 6S 53E	5,025	Dry	Gov't	**
Hose-Austin Drig. Corp.	Gov't 06216	2	WC SW NE—34 6S 53E	5,560	Dry	Gov't	**
Hose-Austin Drig. Corp.	Gov't 012544	3	C SW NW—7 7S 54E	7,015	Dry	Gov't	**
Miles Jackson, Inc.	Snyder & McDonough-Doyle	1-28	C NE NE—28 4S 51E	7,149	Dry	Fee	**
Mule Creek Oil Co., Inc.	State 5055-57	1	C SW SE—16 6S 53E	5,080	Dry	State	**
Perry E. Pound Oil Properties	Biddle Ranch "B"	1	C SW SW—30 8S 54E	6,625	Dry	Fee	**
Sumatra Oil Corp.	Taack	1	C SW NE—14 9S 53E	4,862	Dry	Fee	**
John H. Trigg	Gov't Humble	1	C Lot 14 SW—31 9S 53E	7,010	Dry	Gov't	**
True Oil Co.	Waite	1	C NW SW—2 6S 52E	5,543	Dry	Fee	**
True Oil Co.	N. P. R. R.	1	C NE NE—25 1S 49E	6,011	Dry	Fee	*

Total of 15 Wells Completed: 15 Dry Holes; 7 on Fee Lands, 1 on State Land, 7 on Gov't Lands, 14 Wildcat Wells. Total footage drilled was 102,093 feet.

PRAIRIE COUNTY

Shell Oil Company	N. P. Unit	33-13B	NC NW SE—13 12N 56E	9,255	Oil	Fee	*
Shell Oil Company	U.S. 041864 A Unit	22-2B	C Lot 11—2 12N 56E	9,235	Oil	Gov't	*
Shell Oil Company	N. P.	31-13B	C NW NE—13 12N 56E	9,250	Oil	Fee	*
Shell Oil Company	Unit Gov't	34-32C	SC SW SE—32 13N 56E	9,232	Dry	Gov't	*
Shell Oil Company	N. P.	42-13B	SC SE NE—13 12N 56E	9,218	Oil	Fee	*

Total of 5 Wells Completed: 1 Dry Hole, 4 Oil Wells; 3 on Fee Lands, 2 on Gov't Lands; 5 Development Wells. Total footage drilled was 46,190 feet.

RICHLAND COUNTY

Paul F. Rutledge	T. S. Benston	1	C SW NW—29 24N 55E	9,586	Oil	Fee	*
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ROOSEVELT COUNTY

British-American Oil Prod. Co.	Ben Thompson	B-1	C SW NW—23 31N 46E	7,645	Dry	Fee	**
Calvert Expl. Co.	Louis Toavs	1	C SE SW—28 30N 47E	7,523	Dry	Fee	**
Calvert Expl. Co.	Herbert Houg	1	C SE NE—12 30N 47E	7,780	Dry	Fee	*
Calvert Expl. Co.	Listig-Olson	1	C NE SW—34 31N 47E	7,620	Oil	Fee	**
Calvert Expl. Co.	A. F. Toavs	1	NE SW NW—28 31N 47E	7,650	Dry	Fee	*
D. G. Hamilton	Marlow	1	C SE SW—1 30N 56E	8,251	Dry	Fee	*
Humble Oil & Ref. Co.	Deeds Fed.	1	C SW SE—33 30N 48E	7,626	Dry	Gov't	**
Humble Oil & Ref. Co.	Ault	1	C SE NW—35 28N 49E	7,481	Dry	Fee	**
Humble Oil & Ref. Co.	J. H. Baracker	2	C SE SE—14 30N 47E	7,747	Oil	Fee	*
Phillips Petr. Co.	Baracker	1	C SE NE—14 30N 47E	7,764	Dry	Fee	*
Phillips Petr. Co.	War Club	1	C NW NE—5 29N 49E	7,630	Dry	Fee	**
Phillips Petr. Co.	Zimmerman B	1	C SE NW—21 30N 48E	7,626	Dry	Fee	*
Phillips Petr. Co.	Mathias	1	SE NW SE—34 31N 47E	7,653	Dry	Fee	*
Placid Oil Co.	L. W. Lough	3	NE NW SW—13 30N 47E	7,834	Oil	Fee	*
E. A. Potumbus, Jr.	Huber	1-W	EC NW NE—10 28N 51E	881	Dry	Fee	*
E. A. Potumbus, Jr.	Buck Elk	1-W	NW SE NW—7 29N 51E	1,207	Dry	Fee	*
Shell Oil Company	Watters	44-2	C SE SE—2 29N 47E	7,600	Dry	Fee	*
Shell Oil Company	Gov't Buck Elk	31-23	SE NW NE—23 30N 47E	7,790	Dry	Indian	*
Signal Drig. & Expl. Inc.	Thomas Cloud All-31-24	1	C NW SW—6 31N 51E	5,714	Dry	Indian	**

Total of 19 Wells Completed: 16 Dry Holes, 3 Oil Wells; 16 on Fee Lands, 1 on Gov't Land, 2 on Indian Lands; 12 Development Wells, 7 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 131,022 feet.

ROSEBUD COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
John W. Batts	N. P.-Nordquist	1	C NE NE—35 13N 37E	4,430	Dry	Fee	**
John W. Batts	N. P.-Nordquist	2	C SE SE—21 12N 39E	3,620	Dry	Fee	**
John W. Batts	N. P.-Nordquist	3	C NE NE—9 12N 39E	5,103	Dry	Fee	**
Cardinal Petr. Co.	Savage Ranch	1	C SE SE—21 11N 34E	5,360	Dry	Fee	**
Cardinal Petr. Co.	Savage Ranch	2	NE SE SE—25 12N 33E	5,416	Dry	Fee	**
Cardinal Petr. Co.	Savage Ranch	3	C SW SW—15 12N 33E	5,226	Dry	Fee	**
Cardinal Petr. Co.	State	3-36	C NE NW—36 11N 32E	5,044	Oil	State	*
Cardinal Petr. Co.	Kincheloe-Nason	1	C SE NE—35 11N 32E	5,192	Dry	Fee	*
Cardinal Petr. Co.	State 4325-55	6-36	C SE NW—36 11N 32E	5,161	Dry	State	*
Cardinal Petr. Co.	State 4325-55	2-36	C NW NE—36 11N 32E	5,051	Dry	State	*
Cardinal Petr. Co.	C. P. Abrassart	1	SC NW NE—12 10N 31E	5,100	Dry	Fee	**
Continental Oil Co.	Fed. Land Bank	4	C SE NE—18 11N 32E	4,730	Oil	Gov't	*
Continental Oil Co.	Kincheloe "D"	2	C NE NE—25 11N 31E	4,750	Oil	Fee	*
Continental Oil Co.	Kincheloe "D"	3	C SW NE—25 11N 31E	4,660	Dry	Fee	*
Continental Oil Co.	Kincheloe "C"	1	C SW NW—17—11N 32E	4,750	Oil	Fee	*
Continental Oil Co.	Kincheloe "C"	2	C NE NW—17 11N 32E	4,761	Oil	Fee	*
Continental Oil Co.	Kincheloe "A"	8	C NE SE—8 11N 32E	4,856	Oil	Fee	*
Continental Oil Co.	Kincheloe "E"	1	C SE NW—17 11N 32E	4,760	Dry	Fee	*
Continental Oil Co.	Eich	1	NW NW NW—19 11N 33E	5,080	Oil	Fee	*
The John D. Co.	Messer	1	C SW SW—8 9N 33E	6,002	Dry	Fee	**
The John D. Co.	Grebe	1	C NW NW—24 11N 32E	4,962	Oil	Fee	*
Juniper Oil & Min. Co.	O'Neill-Ottman	6	C SE NE—26 11N 32E	4,976	Dry	Fee	*
Juniper Oil & Min. Co.	Ottman	1	C SE SW—25 11N 32E	4,982	Oil	Fee	*
Juniper Oil & Min. Co.	O'Neill	4	C NW SE—25 11N 32E	4,962	Oil	Fee	*
Juniper Oil & Min. Co.	Mont. Federal	3	C SW SE—22 11N 32E	4,985	Dry	Gov't	*
McAlester Fuel Co.	N. P. R. R.	C-1	NE NE NE—35 2N 40E	3,200	Dry	Fee	**
John Snyder	Northern Nat.-State	1	C SW SE—36 11N 33E	4,775	Dry	State	**
John Snyder	Stensvad	1	C NW SE—21 11N 31E	4,220	Dry	Fee	*
Sumatra Oil Corp.	Hougen-Whalen	1	WC NE SW—7 9N 32E	6,055	Dry	Fee	**
Sumatra Oil Corp.	Stensvad	1	NC NE SW—14 11N 31E	4,630	Dry	Fee	*
Superior Oil Co.	Savage	12-12	C SW NW—12 12N 33E	5,050	Dry	Fee	**
TEXACO Inc.	N. P. "E" (NCT-3)	5	C NE SW—11 11N 32E	5,090	Dry	Fee	*
TEXACO Inc.	B. M. Horgen	13	C SW NW—13 11N 32E	4,935	Oil	Fee	*
TEXACO Inc.	B. M. Horgen	14	C NE NW—13 11N 32E	5,050	Oil	Fee	*
TEXACO Inc.	Red Wing Potteries, Inc.	4	C SW NW—18 11N 33E	5,095	Oil	Fee	*
TEXACO Inc.	R. M. King	10	C NW SW—9 11N 32E	4,898	Oil	Fee	*
TEXACO Inc.	B. M. Horgen	15	C SW NE—13 11N 32E	5,020	Oil	Fee	*
TEXACO Inc.	Red Wing Potteries, Inc.	5	C SE NW—18 11N 33E	5,127	Oil	Fee	*

Total of 38 Wells Completed: 22 Dry Holes, 16 Oil Wells, 32 on Fee Lands, 4 on State Lands, 2 on Gov't Lands; 26 Development Wells, 12 Wildcat Wells. Total footage drilled was 187,064 feet.

SHERIDAN COUNTY

D. G. Hamilton	Nelson	1	C SW SE—17 31N 56E	8,352	Dry	Fee	**
D. G. Hamilton	Danielson	1	C NW SW—33 31N 56E	8,161	Dry	Fee	**
Hunt Oil Co.	Carl A. Lundberg	1	C SE NW—4 32N 59E	7,840	Dry	Fee	*
Lyda Hunt-Herbert Trusts	Aloys Muller	1	C SE SW—20 32N 59E	8,050	Oil	Fee	*
Lyda Hunt-Herbert Trusts	Aloys Muller	2	C SE NW—20 32N 59E	8,000	Oil	Fee	*
Lyda Hunt-Herbert Trusts	Muller-Delorme	2R	C SE NE—20 32N 59E	8,118	Dry	Fee	*
Phillips Petr. Co.	Anderson C	1	C SE SW—19 32N 59E	7,937	Oil	Fee	*
Phillips Petr. Co.	Anderson D	1	C SE NW—13 32N 58E	7,842	Oil	Fee	*
Signal Drig. & Expl., Inc.	Molgaard	1	C SE NW—18 32N 59E	7,934	Oil	Fee	*
Signal Drig. & Expl., Inc.	Brunelle (Ind. 1351)	1	C SE NW—19 32N 59E	7,957	Indian		*

SHERIDAN COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Signal Drig. & Expl., Inc.	Hubbell (Ind. 1352)	1	C SE SW—18 32N 59E	8,248	Oil	Indian	*
Signal Drig. & Expl., Inc.	Delonell (Ind. 992)	1	C SE NE—19 32N 59E	7,975	Oil	Indian	*
Signal Drig. & Expl., Inc.	Peterson-Caltana	1	C SE NW—32 35N 58E	7,200	Dry	Fee	**
Signal Drig. & Expl., Inc.	Donham (Ind. 2737)	1	C SE SE—19 32N 59E	7,913	Oil	Indian	*
Signal Drig. & Expl., Inc.	Jonasen	1	C SE SE—18 32N 59E	7,991	Oil	Fee	*
Sinclair Oil & Gas Co.	Hansen-Anderson	1	NC SE SE—24 32N 58E	7,900	Oil	Fee	*
Skelly Oil Company	S. N. Rasmussen	1	C SE NE—13 32N 58E	7,860	Oil	Fee	*
Skelly Oil Company	S. N. Rasmussen	2	C SE SE—12 32N 58E	7,786	Dry	Fee	*
Sun Oil Company	J. Christensen	1	SC SE SW—12 32N 58E	7,816	Oil	Fee	*
Total of 19 Wells Completed: 6 Dry Holes, 13 Oil Wells; 15 on Fee Lands, 4 on Indian Lands; 16 Development Wells, 3 Wildcat Wells. Total footage drilled was 150,880 feet.							

STILLWATER COUNTY

Shoreline Petr. Corp.	Clara Christenson	1	C NW NW—3 2N 19E	3,210	Dry	Fee	**
Shoreline Petr. Corp.	Christina Miller	1	C SW—9 2N 20E	1,350	Dry	Fee	**
TEXACO Inc.	J. I. Ostrum	1	NC SE SW—9 6S 17E	5,097	Dry	Fee	**
Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 3 Wildcat Wells. Total footage drilled was 9,657 feet.							

SWEETGRASS COUNTY

TEXACO Inc.	Bertha R. Cremer	1	EC NE NE—8 3N 18E	6,450	Dry	Fee	**
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TETON COUNTY

Chief Mountain Co.	State	1	C SE SW—2 27N 7W	3,570	Dry	State	*
Cardinal Petr. Co.	Zgoda-Miller Colony	1	C NE NE—34 26N 6W	2,995	Dry	Fee	**
Continental Oil Co.	Speer "B"	12	EC SE—6 25N 1E	1,447	Dry	Fee	*
W. B. Guyer	Toren	1	C SW NE—26 25N 4W	3,805	Dry	Fee	**
Montalban Oils, Inc.	Ferris	1	C NW NW—20 24N 3W	4,070	Dry	Fee	**
Montalban Oils, Inc.	Baquet	1	C NW SW—4 25N 2W	4,042	Dry	Fee	**
Montalban Oils, Inc.	Carl Malone	1	C SW SE—17 25N 4W	2,045	Dry	Fee	**
Montalban Oils, Inc.	Christman	1	C NE SW—6 24N 1W	4,085	Dry	Fee	**
Pan American Petr. Corp.	T. M. Goodmundson	1	C SW SW—18 24N 1E	3,880	Dry	Fee	**
Pan American Petr. Corp.	Leroy A. Nelson	1	C NW SE—3 23N 2W	4,000	Dry	Fee	**
Pan American Petr. Corp.	Don O. Hadley	1	C NW SW—12 22N 2W	4,020	Dry	Fee	**
Pan American Petr. Corp.	F. I. Flick	1	C SW SW—30 24N 1E	3,847	Dry	Fee	**
Skelly Oil Co.	C. E. Johns	1	C SW SE—29 27N 6W	3,172	Dry	Fee	**
Skelly Oil Co.	J. H. Torgerson	1	C SE SW—25 27N 4W	2,074	Dry	Fee	*
Perl Smith	Louttit & Mills	1	SW SE NE—4 27N 5W	2,450	Oil	Fee	**
Perl Smith	Louttit & Mills	2	SW SW NE—4 27N 5W	2,436	Oil	Fee	*
Sumatra Oil Corp.	Jones	1	SE SE SW—2 27N 5W	2,425	Oil	Fee	*
Sumatra Oil Corp.	Jones "B"	1	SW NW SW—1 27N 5W	2,328	Dry	Fee	*
Sumatra Oil Corp.	Brownell "A"	1	SE SW NW—11 27N 5W	2,454	Oil	Fee	*
Sumatra Oil Corp.	State	1	SE NW NE—15 27N 5W	2,491	Dry	State	*
Sumatra Oil Corp.	Ritenour	1	NE SE SW—8 27N 5W	2,520	Dry	Fee	**
Total of 21 Wells Completed: 17 Dry Holes, 4 Oil Wells; 19 on Fee Lands, 2 on State Lands; 8 Development Wells, 13 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 64,156 feet.							

TOOLE COUNTY

A. A. Oil Corp.	John G. Fey	4	NW SE NE—28 37N 2E	1,581	Gas	Fee	*
A. A. Oil Corp.	John G. Fey	5	NW SE SE—21 37N 2E	1,626	Gas	Fee	*
A. A. Oil Corp.	John G. Fey	6	NW NE NW—28 37N 2E	1,498	Gas	Fee	*

TOOLE COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
Anderson-Iverson-Moberly-Good	Parsell	A-1	NE NE SW—14 37N 3E	2,850	Dry	Fee	*
Big West Oil Co.	Hagen & Bailey	1	C NE SE—20 35N 1E	2,048	Dry	Fee	**
Big West Oil Co.	Morris Sunby	1	C NW NW—29 35N 1E	1,814	Dry	Fee	**
Big West Oil Co.	Ray	1	C NE—31 33N 3W	2,090	Dry	Fee	**
Big West Oil Co.	Schimmel	1	C E½—25 33N 4W	1,941	Gas	Fee	**
Big West Oil Co.	Angus	1	C NE—35 33N 4W	2,078	Dry	Fee	**
Cardinal Petr. Co.	Karl Nutter	1	C NW SE—9 37N 1E	2,098	Dry	Fee	**
Cardinal Petr. Co.	Edith Clarkson	1	C NW NE—21 32N 1E	1,691	Dry	Fee	**
Cardinal Petr. Co.	G. Christian	2	C SE NW—18 35N 3E	2,440	Dry	Fee	**
Lon Crumley, Trustee	Larson	9	SC SE NE—18 35N 2W	1,659	Dry	Fee	*
Lon Crumley, Trustee	Wolfer	24	NW SE NW—17 35N 2W	1,599	Oil	Fee	*
Lon Crumley, Trustee	Larson	10	SW NE SW—17 35N 2W	1,570	Oil	Fee	*
Lon Crumley, Trustee	Wolfer	25	SC SW NW—17 35N 2W	1,662	Dry	Fee	*
G. S. & B. L. Frary	Miller	1	C SW NE—25 34N 4W	1,845	Dry	Fee	*
Miles Jackson, Inc.	Fey	1	C NW SE—17 37N 3E	3,065	Dry	Fee	**
Juniper Oil & Min. Co.	Homstake O & G-State	1-W	NW NW NW—36 36N 2W	1,855	Dry	State	*
Juniper Oil & Min. Co.	Yealy Shaw	1-W	WC NE—35 36N 2W	1,938	Dry	Fee	*
Ebert Malone	State	1	WC NE NW—36 34N 1W	1,431	Gas	State	*
Northwest Prod. Corp.	G. F. 051863-B Haugen "B"	15	SC NW SW—12 35N 3W	1,536	Oil	Gov't	*
Northwest Prod. Corp.	M. M. Neumann	27	WC SE NE—22 35N 2W	1,491	Dry	Fee	*
Onstad & Fulton	Sutton	1	NE NE NE—14 37N 3E	2,756	Oil	Fee	*
Pattie-Moberly-Good-Anderson	Robert Parsell	1	SE SE NW—14 37N 3E	2,845	Oil	Fee	*
Phillips Petr. Co.	River	4ST	C NW NW—33 31N 3E	2,095	Dry	Fee	**
Salt Dome Prod. Co.	Russell Peirce	1	C Lot 4—5 37N 3W	2,641	Dry	Fee	**
Skelly Oil Company	E. D. Gardner	1	C SW SW—29 32N 2E	1,794	Dry	Fee	**
Shell Oil Company	R. J. Sutton	4	NE SW NE—14 37N 3E	2,812	Oil	Fee	*
Texas Pacific Coal & Oil Co.	E. M. Reibe	15	SW NE NE—4 35N 2W	1,541	Oil	Fee	*
Union Oil Co. of Calif.	Emily R. Jacobs	1	C SW SW—14 36N 2W	3,900	Dry	Fee	**
Total of 31 Wells Completed: 19 Dry Holes, 7 Oil Wells, 5 Gas Wells; 28 on Fee Lands, 2 on State Lands, 1 on Gov't Land; 19 Development Wells, 12 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 63,790 feet.							

VALLEY COUNTY

W. B. Guyer	Jones	1	C SW NE—20 33N 36E	3,523	Dry	Fee	**
Herbert D. Hadley	Gaarder	1	C SE SW—21 6N 17E	5,144	Dry	Fee	**

WHEATLAND COUNTY

Stanley Dobrowski	Stanley Dobrowski	1	C NW SE—24 11N 60E	10,930	Dry	Fee	*
Unit	Unit	21-19	SC NE NW—19 12N 57E	9,142	Oil	Fee	*
N. P. Unit	N. P. Unit	32X-19R	SW SW NE—19 12N 57E	9,246	Oil	Fee	*
Unit	Unit	34-10A	EC SW SE—10 11N 57E	9,246	Oil	Gov't	*
Rieckhoff	Rieckhoff	1	C SW SE—17 14N 60E	11,245	Dry	Fee	**
Total of 5 Wells Completed: 2 Dry Holes, 3 Oil Wells; 4 on Fee Lands, 1 on Gov't Land; 4 Development Wells, 1 Wildcat Well. Total footage drilled was 49,809 feet.							

WIBAUX COUNTY

California Oil Co.	Stanley Dobrowski	1	C NW SE—24 11N 60E	10,930	Dry	Fee	*
Shell Oil Company	Unit	21-19	SC NE NW—19 12N 57E	9,142	Oil	Fee	*
Shell Oil Company	N. P. Unit	32X-19R	SW SW NE—19 12N 57E	9,246	Oil	Fee	*
Shell Oil Company	Unit	34-10A	EC SW SE—10 11N 57E	9,246	Oil	Gov't	*
Trigood Oil Company	Rieckhoff	1	C SW SE—17 14N 60E	11,245	Dry	Fee	**

YELLOWSTONE COUNTY

Heringer & Gay	Hart-Laird	1	SE NW NW—26 2S 24E	1,155	Dry	Fee	*
Heringer & Gay	Anton Kohl	1	C SW NW—35 2S 24E	855	Dry	Fee	*
King Oil Company	Van Winkle	1	SW NE SE—23 2S 24E	1,000	Oil	Fee	**
King Oil Company	Van Winkle	2	C SW SE—23 2S 24E	1,150	Dry	Fee	*
King Oil Company	Bakker	1	C SE SW—26 3S 25E	1,088	Dry	Fee	**
W. H. Sharp	Mook	1	NE SW NE—24 3S 24E	1,010	Dry	Fee	**
Stanley Soderstrom	Marsh	1	NE SE SE—22 2S 24E	1,042	Dry	Fee	*
Total of 7 Wells Completed: 6 Dry Holes, 1 Oil Well; 7 on Fee Lands; 4 Development Wells, 3 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 7,300 feet.							

SUMMARY OF WELLS COMPLETED

JULY 1, 1961 TO JULY 1, 1962

County	Wells Drilled				Type Lease			Classification		Successful Wildcats	Total Footage
	Total	Oil	Gas	Dry	State	Indian	Gov't	Development	Wildcat		
Big Horn	1			1		1			1		4,837
Blaine	1			1					1		3,025
Carbon	16	3		13			6		12		54,176
Carter	7			7			3	4	7		30,923
Custer	1			1				1	1		5,870
Dawson	17	14		3	1		8	8	2	1	157,518
Fallon	55	50		5			21	34	3	1	486,568
Fergus	3			3				3	3		12,405
Garfield	4			4				4	4		23,045
Glacier	32	22		10		13	1	18	2	1	107,320
Golden Valley	1			1				1	1		3,298
Hill	1			1				1	1		4,002
Judith Basin	1			1				1	1		2,384
Liberty	17	9		8	6			11	6		49,004
McCone	5	2		3			1	4	3		42,615
Musselshell	49	14		35	2		9	38	14	1	219,300
Petroleum	4			4	1			3	3		11,931
Phillips	5			5	1		3	1	5		18,661
Pondera	21	9	1	11	1	6		14	9	1	66,177
Powder River	15			15	1		7	7	14		102,093
Prairie	5	4		1			2	3	5		46,190
Richland	1	1		1				1	1		9,586
Roosevelt	19	3		16		2	1	16	7	1	131,022
Rosebud	38	16		22	4		2	32	12		187,064
Sheridan	19	13		6		4		15	3		150,880
Stillwater	3			3				3	3		9,657
Sweetgrass	1			1				1	1		6,450
Teton	21	4		17	2			19	13	1	64,156
Toole	31	7	5	19	2		1	28	12	1	63,790
Valley	1			1				1	1		3,523
Wheatland	1			1				1	1		5,144
Wibaux	5	3		2			1	4	1		49,809
Yellowstone	7	1		6				7	3	1	7,300
Totals	408	175	6	227	21	26	66	295	258	9	2,139,723

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA

July 1, 1960 through June 30, 1961

FIELD	COUNTY	Storage July 1, 1960	Produced	Refined	Exported	Used or Lost	Storage June 30, 1961
Ash Creek	Big Horn	736	28,994		29,028		702
Bannatyne	Teton	2,989	18,110	19,878		146	1,075
Bears Den	Liberty	490	30,913	690	29,249	(7)	1,471
Belfry	Carbon	186	17,810		17,798		198
Berthelote	Toole		1,954	1,954			
Big Wall	Musselshell	3,671	263,389	100,232	160,913	404	5,511
Blackfoot	Glacier	3,939	110,676	110,730		152	3,733
Border	Toole		7,286		7,160		126
Bowes	Blaine	124,880	260,163	370,372		5,387	9,284
Bredette	Roosevelt	1,577	345		1,922		
Bredette, North	Roosevelt	743	15,493		14,248	1,113	875
Brorson	Richland	2,947	36,969		35,338	1,703	2,875
Bynum	Teton						
Cabin Creek	Fallon	508,305	4,573,217		4,749,599	2,303	329,620
Cat Creek	Petroleum & Garfield	13,715	234,122	197,769	36,302	30	13,736
Clark's Fork	Carbon	377			194		183
Clark's Fork, North	Carbon	3,430	74,041		75,167	107	2,197
Cupton	Fallon	1,859	11,208		12,161		906
Cut Bank	Glacier & Toole	440,805	2,098,153	2,043,437			478,192
Deer Creek	Dawson	3,313	174,974		176,756	17,329	1,531
Delphia	Musselshell	1,531	20,846	2,537	18,632	293	915
Devil's Basin	Musselshell	1,018				129	889
Dry Creek	Carbon	7,289	31,170	29,192		87	9,180
Dwyer	Sheridan	4,250	205,283		201,191	295	8,047
Elk Basin	Carbon	4,106	2,643,561	1,827,072	816,537	1,607	2,451
Fertile Prairie	Fallon	833	2,917		2,981	252	517
Flat Coulee	Liberty	194	1,733	1,745			182
Frannie	Carbon	365	20,643		20,697		311
Gage	Musselshell	943	11,132	2,850	8,184	172	869
Gas City	Dawson	10,083	225,894		231,656		4,321
Glendive	Dawson	13,089	451,401		450,047	2,537	11,906
Gypsy Basin	Pondera	1,210	8,269		8,229	11	1,239
Hawk Creek	Musselshell						
Hibbard	Rosebud	1,240	41,941		41,962		1,219
Ivanhoe	Musselshell	7,291	465,489	17,289	447,411	111	7,969
Keg Coulee	Musselshell	390	564,968	9,737	550,991	1,695	2,935
Kevin Sunburst	Toole	144,369	733,118	634,880		8,376	234,231
Lake Basin	Stillwater						
Line Coulee	Daniels						
Little Beaver	Fallon	5,868	358,860		362,254		2,474

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA — Continued
July 1, 1960 through June 30, 1961

FIELD	COUNTY	Storage July 1, 1960	Produced	Refined	Exported	Used or Lost	Storage June 30, 1961
Little Beaver, East	Fallon	3,386	260,849		260,312		3,923
Mackay Dome	Stillwater		2,945		2,165	10	770
Melstone	Musselshell	4,130	40,030	32,023	10,464	159	1,514
Monarch	Fallon	4,299	429,305		429,529		4,075
Mosser	Yellowstone	348	5,879		5,916		311
Outlook	Sheridan	9,513	581,246		581,619		9,140
Outlook, South	Sheridan	3,634	49,444		49,710		3,368
Pennel	Fallon	21,094	673,831		684,296	23	10,606
Pine	Wibaux	125,900	5,068,978		5,179,169	303	15,406
Pondera	Pondera & Teton	35,922	503,979	453,704		2,770	83,427
Poplar, East	Roosevelt	51,804	2,742,207		2,725,968	(355)	68,398
Poplar, Northwest	Roosevelt	1,356	23,461		23,552		1,265
Ragged Point	Musselshell	5,479	142,291		144,731		3,039
Rattlesnake Butte	Petroleum	116				116	
Reagan	Glacier	2,456	166,165	162,625	3,437		2,559
Red Creek	Red Glacier	4,419	337,827	48,829	289,834	406	3,177
Redstone	Sheridan	473	13,299		13,422		350
Repeat	Cartier	972	37,469		37,852		589
Richey	Dawson & McCone	8,142	162,349		165,133		5,358
Richey, Southwest	McCone	2,432	67,051		68,173		1,310
Sand Creek	Dawson	6,008	236,907		237,990	73	4,852
Sidney	Richland		10,637		8,458	187	1,992
Snyder	Big Horn	632	20,096		19,831	206	691
Soap Creek	Big Horn	38,879	61,214		97,093		3,000
Stensvad	Rosebud	16,638	1,620,683	1,615,334		2,420	8,953
Sumatra	Rosebud	116,402	2,347,094	2,188,470	10,614		274,928
Tule Creek	Roosevelt		235,089		229,151	98	4,198
Whitlash	Liberty	14,955	39,649	21,059	27,616	820	5,109
Wills Creek	Fallon	4,054	411,973		411,952		4,075
Wolf Springs	Yellowstone	25,425	320,461	309,934		7,036	28,916
Woodrow	Dawson	1,035	22,505		22,879		661
Yellowstone	Dawson	728				728	
TOTALS		1,828,662	30,379,955	10,202,342	20,247,473	60,972	1,697,830

Crude Oil Imported and Refined

From Canada	28,941	268,570
From Wyoming	14,760,489	
TOTAL CRUDE OIL REFINED IN MONTANA	24,991,772	1,966,400

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA

July 1, 1961 through June 30, 1962

FIELD	COUNTY	Storage July 1, 1961	Produced	Refined	Exported	Used or Lost	Storage June 30, 1962
Ash Creek	Big Horn	702	27,137		27,326		513
Bannatyne	Teton	1,075	16,026	15,727		235	1,139
Bears Den	Liberty	1,471	47,160	47,121			1,510
Belfry	Carbon	198	10,396	1,936	8,367		291
Benrud	Roosevelt		15,870		15,513		357
Berthelote	Toole		1,326	1,326			
Big Wall	Musselshell	5,511	448,861	377,828	72,796	178	3,570
Blackfoot	Glacier	3,733	104,419	60,098	44,934	17	3,103
Border	Toole	126	10,300	10,338			88
Bowes	Blaine	9,284	210,031	194,520		15,706	9,089
Brady	Pondera		277				
Bredette	Roosevelt						
Bredette, North	Roosevelt	875	9,423		8,748		1,550
Brynum	Teton						
Cabin Creek	Fallon	329,620	3,724,423		3,752,836	(1,266)	302,473
Cat Creek	Petroleum & Garfield	13,736	215,209	213,777	7,034	183	8,064
Clark's Fork	Carbon	183					
Clark's Fork, North	Carbon	2,197	15,346		17,457	86	
Cupton	Fallon	906	10,463		10,565		804
Cut Bank	Glacier & Toole		1,966,540	1,640,103	425,742	5,916	372,971
Deer Creek	Dawson	478,192	203,653		203,441		1,743
Delphia	Musselshell	1,531	10,104	797	9,269	201	752
Devil's Basin	Musselshell	915					889
Dry Creek	Carbon	889	18,549	20,440			7,289
Dwyer	Sheridan	9,180	757,068	34,406	712,178	4,169	14,362
Elk Basin	Carbon	8,047	3,269,582	2,114,777	1,151,429	3,066	2,761
Fertile Prairie	Fallon	2,451	1,852		274	75	2,020
Flat Coulee	Liberty	517	20,725	19,471			1,436
Frannie	Carbon	182	22,962	3,869	19,104		300
Gage	Musselshell	311	8,051	1,763	6,030	(2)	1,129
Gas City	Dawson	869	702,311		699,234		7,398
Glendive	Dawson	4,321	530,186		528,207	1,617	12,268
Graben Coulee	Glacier	11,906	3,581		3,346		235
Gypsy Basin	Pondera		14,919	13,882		428	1,848
Hawk Creek	Musselshell	1,239					
Hibbard	Rosebud	1,219	27,558	16,767	11,237		773
Ivanhoe	Musselshell	7,969	435,917		439,591	327	3,968
Keg Coulee	Musselshell	2,935	620,229	13,843	605,198	390	3,733
Kevin Sunburst	Toole	234,231	612,360	763,550		15,608	67,433
Lake Basin	Stillwater						
Line Coulee	Daniels						
Little Beaver	Fallon	2,474	422,755		421,353		3,876

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA — Continued
July 1, 1961 through June 30, 1962

FIELD	COUNTY	Storage July 1, 1961	Produced	Refined	Exported	Used or Lost	Storage June 30, 1962
Little Beaver, East	Fallon	3,923	393,117		391,736	2,448	2,856
Lookout Butte	Fallon		228,429		226,384		2,045
Mackay Dome	Stillwater	770					770
Melstone	Musselshell	1,514	43,772	22,871	21,179	14	1,222
Monarch	Fallon	4,075	285,160		285,098		4,137
Mosser	Yellowstone	311	7,060		7,371		
Outlook	Sheridan	9,140	490,111		489,984		9,267
Outlook, South	Sheridan	3,368	36,397		36,304		3,461
Pennel	Fallon	10,606	1,130,142		1,129,215	140	11,393
Pine	Wibaux	15,406	5,121,237		5,119,551	2,968	14,124
Pondera	Pondera & Teton	83,427	478,872	515,670		1,809	44,820
Pondera Coulee	Pondera & Teton		5,032	4,888			144
Poplar, East	Roosevelt	68,398	2,101,648		2,130,322	3,311	36,413
Poplar, Northwest	Roosevelt	1,265	22,138		19,626		3,777
Ragged Point	Musselshell	3,039	160,842	38,207	123,249		2,425
Rattlesnake Butte	Petroleum						
Reagan	Glacier	2,559	180,879	180,253	229,111		3,185
Red Creek	Glacier	3,177	371,162	138,555		1,493	5,180
Redstone	Sheridan	350	11,906		11,848		408
Repeat	Carter	589	21,505		21,548		546
Richey	Dawson & McCone	5,358	99,228		98,631		5,955
Richey, Southwest	McCone	1,310	110,073	84,902	20,152	909	5,420
Sand Creek	Dawson	4,852	156,820		159,185		2,487
Sidney-Bronson	Richland	4,867	62,007		58,318	595	7,961
Snyder	Big Horn	691	16,443		16,217		917
Soap Creek	Big Horn	3,000	65,416		51,513	36	16,867
Stensvad	Rosebud	8,953	1,324,983	832,071	493,555		8,310
Sumatra	Rosebud	274,928	2,483,563	2,388,104		42,121	328,266
Tule Creek	Roosevelt	4,198	674,999	74,239	600,982		3,976
Whitlash	Liberty	5,109	128,388	3,956	123,360	1,024	5,157
Wills Creek	Fallon	4,075	367,245		367,978		3,342
Wolf Springs	Yellowstone	28,916	295,333	296,142	7,760	(321)	20,668
Woman's Pocket	Golden Valley						
Woodrow	Dawson	661	105,627		105,380		908
Yellowstone	Dawson						
TOTALS		1,697,830	31,495,103	10,146,474	21,546,766	103,551	1,396,142

Crude Oil Imported and Refined

From Canada	58,407	
From Wyoming	17,488,203	515,890
TOTAL CRUDE OIL REFINED IN MONTANA	27,693,084	1,912,032

NATURAL GAS PRODUCTION

JULY 1, 1960 TO JUNE 30, 1961

FIELD	COUNTY	M Cu. Ft.
Bears Den	Liberty	53,724
Big Coulee	Golden Valley and Stillwater	844,125
Bowdoin	Phillips and Valley	4,471,694
Bowes	Blaine	1,251,074
Box Elder	Blaine	55,119
Cabin Creek	Fallon	1,118,045
Cedar Creek	Fallon and Wibaux	5,045,577
Clark's Fork	Carbon	215,263
Cut Bank (includes Reagan)	Glacier and Toole	11,486,440
Devon	Toole	64,073
Dry Creek	Carbon	1,629,818
Elk Basin	Carbon	532,587
Flat Coulee	Liberty	100,594
Golden Dome	Carbon	2,036
Grandview	Liberty	205,112
Hardin	Big Horn	50,116
Havre	Hill	2,667
Keith Block	Liberty	2,098,742
Kevin Sunburst	Toole	1,125,194
Pine	Prairie, Wibaux and Fallon	891,355
Plevna	Fallon	191,765
Utopia	Liberty	488,215
Whitlash	Liberty	1,062,605
Miscellaneous	Various	852,160
		<u>33,838,100</u>

JULY 1, 1961 TO JUNE 30, 1962

Bears Den	Liberty	53,733
Big Coulee	Golden Valley and Stillwater	981,111
Bowdoin	Phillips and Valley	3,761,693
Bowes	Blaine	1,063,128
Cabin Creek	Fallon	1,012,522
Cedar Creek	Fallon and Wibaux	6,201,590
Cut Bank (includes Reagan)	Glacier and Toole	10,511,907
Devon	Toole	39,536
Dry Creek	Carbon	2,455,253
Elk Basin	Carbon	241,536
Flat Coulee	Liberty	91,382
Golden Dome	Carbon	41,827
Grandview	Liberty	94,145
Hardin	Big Horn	52,409
Havre	Hill	2,122
Keith Block	Liberty	2,193,834
Kevin Sunburst	Toole	924,665
Pine	Prairie, Wibaux and Fallon	806,826
Plevna	Fallon	158,871
Utopia	Liberty	559,365
Whitlash	Liberty	1,068,243
Miscellaneous	Various	236,395
		<u>32,552,093</u>

REVENUE FOR THE PERIOD

JULY 1, 1960 TO JUNE 30, 1961

Natural Gas Production Tax

31,562,030 M cu. ft. at 1c per 100,000 cu. ft.	\$	\$ 3,156.25
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Crude Oil Production Tax

4,207,726 Bbls. Crude Oil @ ¼c per bbl.	10,519.31	
24,488,328 Bbls. Crude Oil @ ½c per bbl.	122,441.64	

132,960.95

Well Drilling Permit Fees

Northern District

111 Permits under 3500' depth @ \$25.00 each	2,775.00	
21 Permits under 7,000' depth @ \$75.00 each	1,575.00	
1 Permit 7,000' and Deeper @ \$150.00 each	150.00	

4,500.00

Southern District

43 Permits under 3500' depth @ \$25.00 each	1,075.00	
122 Permits under 7000' depth @ \$75.00 each	9,150.00	
117 Permits 7000' and deeper @ \$150.00 each	17,550.00	

27,775.00

Penalty and Interest Collected		3.02
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Fee Collected for copies of transcripts, logs, etc.		323.00
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Interest Collected on Investments		3,029.33
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Refunds and Insurance Settlelement		100.91
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TOTAL RECEIPTS		\$171,848.46
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REVENUE FOR THE PERIOD

JULY 1, 1961 TO JUNE 30, 1962

Natural Gas Production Tax

32,393,400 M cu. ft. at 1c per 200,000 cu. ft.	\$	\$ 1,619.67
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Crude Oil Production Tax

3,885,668 Bbls. Crude Oil at ¼c per bbl.	4,857.08	
25,649,090 Bbls. Crude Oil at ¼c per bbl.	64,122.73	

68,979.81

Well Drilling Permit Fees

Northern District

106 Permits under 3500' depth @ \$25.00 each	2,650.00	
28 Permits under 7000' depth @ \$75.00 each	2,100.00	
2 Permits 7000' and deeper @ \$150.00 each	300.00	

5,050.00

Southern District

45 Permits under 3500' depth @ \$25.00 each	1,125.00	
106 Permits under 7000' depth @ \$75.00 each	7,950.00	
160 Permits 7000' and deeper @ \$150.00 each	24,000.00	

33,075.00

Penalty and Interest Collected		5.18
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Fee Collected for copies of transcripts, logs, etc.		717.75
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Interest Collected on Investments		3,158.27
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Refunds from travel and P.E.R.S.		79.60
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TOTAL RECEIPTS		\$112,685.28
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STATEMENT OF EXPENDITURES

JULY 1, 1960 TO JUNE 30, ~~1960~~ 1961

ADMINISTRATIVE

Salaries

Administrative Employees	\$ 47,412.95	\$
Technical Employees	19,756.13	
Inspectors and Fieldmen	19,725.00	
Commissioners' Compensation	2,925.00	
	<hr/>	89,819.08

Operations

Postage	1,730.00	
Stationery, Record Books and Blanks	981.58	
Sundry Office Supplies and Expense	3,032.51	
Telephone and Telegraph	*2,887.46	
Freight, Express and Drayage	62.77	
Printing and Binding	4,121.99	
Official Bond	15.00	
Travel	12,826.91	
Rentals	6,437.50	
Legal Publications	2,667.60	
Subscriptions and Periodicals	746.50	
Dues to Associations and Compacts	727.00	
Industrial Accident Insurance	251.29	
Insurance	143.60	
P.E.R.S. Contributions	2,483.35	
Social Security Contributions	2,202.53	
Miscellaneous	2,278.58	
	<hr/>	43,596.17

Capital

Machinery and Appliances	812.50	
Hand Tools and Petty Equipment	593.22	
Furniture and Fixtures	1,536.49	
Library and Reference Books	108.00	
	<hr/>	3,050.21

Repairs and Replacements

Land and Land Improvements	55.20	
Building and Attached Fixtures	342.21	
Machinery and Appliances	255.68	
Furniture and Fixtures	26.85	
	<hr/>	679.94

GRAND TOTAL	<hr/>	<u>\$137,145.40</u>
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STATEMENT OF EXPENDITURES

JULY 1, 1961 TO JUNE 30, 1962

ADMINISTRATIVE

Salaries

Administrative Employees	\$ 43,440.70	\$
Technical Employees	30,415.55	
Inspectors and Fieldmen	21,300.00	
Commissioners' Compensation	2,400.00	
	<hr/>	97,556.25

Operations

Postage	1,913.88	
Postage Machine Rental	64.80	
Stationery, Record Books and Blanks	867.60	
Sundry Office Supplies and Expense	5,077.18	
Telephone and Telegraph	2,921.91	
Freight, Express and Drayage	85.17	
Printing and Binding	1,090.41	
Official Bonds	293.06	
Travel	15,025.37	
Rentals, office	6,510.00	
Legal Publications	1,806.00	
Subscriptions and Periodicals	99.42	
Dues to Associations and Compacts	626.25	
Industrial Accident Insurance	330.78	
Insurance	143.60	
P.E.R.S. Contributions	2,727.30	
Social Security Contributions	2,353.13	
P.B.X. Board	211.55	
Miscellaneous	2,392.79	
	<hr/>	44,540.20

Capital

Machinery and Appliances	136.64	
Hand Tools and Petty Equipment	74.39	
Furniture and Fixtures	895.73	
Library and Reference Books	82.25	
	<hr/>	1,189.01

Repairs and Replacements

Land and Land Improvements	13.10	
Building and Attached Fixtures	1,112.92	
Machinery and Appliances	448.69	
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GRAND TOTAL 1,574.71
\$144,860.17

MONTANA ROOM